LAMPIRAN *LISTING* PROGRAM

Halaman Utama

```vb
Imports System.Data.OleDb
Public Class home

    Public koneksi As OleDbConnection
    Public lokasi_database As String =
"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=D:\FOODCOST
SYSTEM\FOODCOST APLIKASI\DATABASE\DBFoodCost.accdb;Persist Security
Info=False;"
    Public pesan_error_input As String = "Please Recheck Your Input"
    Public pesan_error_connection_database As String = "Connection
Database Fieled"

    Dim MODUL_Change_Password = "NON"
    Dim MODUL_Barang_Masuk = "NON"
    Dim MODUL_Barang_Keluar = "NON"
    Dim MODUL_Master_Barang = "NON"
    Dim MODUL_Inventory = "NON"
    Dim MODUL_Analysis_Expired = "NON"
    Dim MODUL_Analysis_Stock_Minimal = "NON"
    Dim MODUL_Purchase_Daily = "NON"
    Dim MODUL_Retur_Purchase = "NON"
    Dim MODUL_Master_Supplier = "NON"
    Dim MODUL_Tukar_Faktur = "NON"
    Dim MODUL_Pembayaran_Supplier = "NON"
    Dim MODUL_Sales_Raptor_Report = "NON"
    Dim MODUL_Sales_EDC_Report = "NON"
    Dim MODUL_Sales_Monthly = "NON"
    Dim MODUL_Food_Cost_Monthly = "NON"
    Dim MODUL_Food_Cost_Yearly = "NON"
    Dim MODUL_Analysis_Food_Cost = "NON"
    Dim MODUL_Analysis_Inventory = "NON"
    Dim MODUL_Analysis_Purchase = "NON"
    Dim MODUL_Analysis_Sales = "NON"
    Dim MODUL_Control_Panel_User_Access_Permissions = "NON"
    Dim MODUL_Control_Panel_User = "NON"

    'Function->
    Function conversi_rupiah(ByVal objek As String)
        objek = Val(objek).ToString("C")
        If objek(0) <> "R" And objek(0) <> "p" Then
            objek = objek.Substring(1)
            objek = "Rp" + objek
        End If
        Return objek
    End Function

    Function today(ByVal format As String)
        Dim daytime = DateAndTime.TimeOfDay.DayOfWeek.ToString
        Dim datetime = DateAndTime.Now.Day.ToString
        If datetime < 10 Then
            datetime = "0" + datetime
        End If
        Dim monthtime = DateAndTime.Now.Month.ToString
        If monthtime < 10 Then
            monthtime = "0" + monthtime
        End If
        Dim yeartime = DateAndTime.Now.Year.ToString
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        If format.ToLower = "database" Then
            Return yeartime + monthtime + datetime
        End If
        If format.ToLower = "tampilan" Then
            Return daytime + " " + datetime + "-" + monthtime + "-" +
yeartime
        End If
        Return "ERROR"
    End Function

    Function cektotal(ByVal textbox1 As TextBox, ByVal textbox2 As
TextBox)
        Return Val(textbox1.Text) * Val(textbox2.Text)
    End Function

    Function select_modul_control_panel(ByVal query)
        Dim delegasi = "NON"
        koneksi = New OleDb.OleDbConnection
        koneksi.ConnectionString = lokasi_database
        koneksi.Open()
        Dim command As New OleDbCommand(query, koneksi)
        Dim dataReader As OleDbDataReader = command.ExecuteReader()
        While dataReader.Read
            delegasi = dataReader(0)
        End While
        koneksi.Close()
        Return delegasi
    End Function
    '<-function

    'sub ->
    Sub cek_modul_control_panel()
        Dim query = ""
        query = "select Change_Password from user_profile where username
= '" & TextBox1.Text + "'"
        MODUL_Change_Password = select_modul_control_panel(query)

        query = "select Barang_Masuk from user_profile where username =
'" + TextBox1.Text + "'"
        MODUL_Barang_Masuk = select_modul_control_panel(query)

        query = "select Barang_Keluar from user_profile where username =
'" + TextBox1.Text + "'"
        MODUL_Barang_Keluar = select_modul_control_panel(query)

        query = "select Master_Barang from user_profile where username =
'" + TextBox1.Text + "'"
        MODUL_Master_Barang = select_modul_control_panel(query)

        query = "select Inventory from user_profile where username = '" +
TextBox1.Text + "'"
        MODUL_Inventory = select_modul_control_panel(query)

        query = "select Analysis_Expired from user_profile where username
= '" + TextBox1.Text + "'"
        MODUL_Analysis_Expired = select_modul_control_panel(query)

        query = "select Analysis_Stock_Minimal from user_profile where
username = '" + TextBox1.Text + "'"
        MODUL_Analysis_Stock_Minimal = select_modul_control_panel(query)
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        query = "select Purchase_Daily from user_profile where username =
'" + TextBox1.Text + "'"
        MODUL_Purchase_Daily = select_modul_control_panel(query)

        query = "select Retur_Purchase from user_profile where username =
'" + TextBox1.Text + "'"
        MODUL_Retur_Purchase = select_modul_control_panel(query)

        query = "select Master_Supplier from user_profile where username
= '" + TextBox1.Text + "'"
        MODUL_Master_Supplier = select_modul_control_panel(query)

        query = "select Tukar_Faktur from user_profile where username =
'" + TextBox1.Text + "'"
        MODUL_Tukar_Faktur = select_modul_control_panel(query)

        query = "select Pembayaran_Supplier from user_profile where
username = '" + TextBox1.Text + "'"
        MODUL_Pembayaran_Supplier = select_modul_control_panel(query)

        query = "select Sales_Raptor_Report from user_profile where
username = '" + TextBox1.Text + "'"
        MODUL_Sales_Raptor_Report = select_modul_control_panel(query)

        query = "select Sales_EDC_Report from user_profile where username
= '" + TextBox1.Text + "'"
        MODUL_Sales_EDC_Report = select_modul_control_panel(query)

        query = "select Sales_Monthly from user_profile where username =
'" + TextBox1.Text + "'"
        MODUL_Sales_Monthly = select_modul_control_panel(query)

        query = "select Food_Cost_Monthly from user_profile where
username = '" + TextBox1.Text + "'"
        MODUL_Food_Cost_Monthly = select_modul_control_panel(query)

        query = "select Food_Cost_Yearly from user_profile where username
= '" + TextBox1.Text + "'"
        MODUL_Food_Cost_Yearly = select_modul_control_panel(query)

        query = "select Analysis_Food_Cost from user_profile where
username = '" + TextBox1.Text + "'"
        MODUL_Analysis_Food_Cost = select_modul_control_panel(query)

        query = "select Analysis_Inventory from user_profile where
username = '" + TextBox1.Text + "'"
        MODUL_Analysis_Inventory = select_modul_control_panel(query)

        query = "select Analysis_Purchase from user_profile where
username = '" + TextBox1.Text + "'"
        MODUL_Analysis_Purchase = select_modul_control_panel(query)

        query = "select Analysis_Sales from user_profile where username =
'" + TextBox1.Text + "'"
        MODUL_Analysis_Sales = select_modul_control_panel(query)

        query = "select Control_Panel_User_Access_Permissions from
user_profile where username = '" + TextBox1.Text + "'"
        MODUL_Control_Panel_User_Access_Permissions =
select_modul_control_panel(query)
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            query = "select Control_Panel_User from user_profile where
    username = '" + TextBox1.Text + "'"
            MODUL_Control_Panel_User = select_modul_control_panel(query)
    End Sub

    Sub cek_login_logout(ByVal status_login As Integer)
        Dim password = ""

        koneksi = New OleDb.OleDbConnection
        koneksi.ConnectionString = lokasi_database
        koneksi.Open()

        Dim command As New OleDbCommand("select user_password from
    user_profile where username = '" + TextBox1.Text + "'", koneksi)
        Dim dataReader As OleDbDataReader = command.ExecuteReader()
        While dataReader.Read
            password = dataReader(0)
        End While

        koneksi.Close()

        If status_login = 1 Then
            If password = TextBox2.Text.ToLower And TextBox2.Text <> ""
    Then

                login_logoff_button.Text = "Log Off"
                TextBox1.Enabled = False
                TextBox2.Enabled = False
                TextBox1.Visible = False
                TextBox2.Visible = False
                Panel1.Visible = True
                control.Visible = True
                Label3.Text = TextBox1.Text.ToLower
                cek_modul_control_panel()
            Else
                MsgBox(pesan_error_input, MsgBoxStyle.Critical)
                cek_login_logout(0)
                TextBox1.Select()
            End If
        End If

        If status_login = 0 Then
            use_system_password_char(TextBox2, "false")
            TextBox1.Text = "User Name"
            TextBox2.Text = "Password"
            login_logoff_button.Text = "Log In"
            TextBox1.Enabled = True
            TextBox2.Enabled = True
            TextBox1.Visible = True
            TextBox2.Visible = True
            Panel1.Visible = False
            control.Visible = False
        End If
    End Sub

    Sub use_system_password_char(ByVal text_box As TextBox, ByVal
    true_false As String)
        If true_false = "true" Then
            text_box.UseSystemPasswordChar = True
        End If
        If true_false = "false" Then
            text_box.UseSystemPasswordChar = False
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            End If
    End Sub

    Sub isi_textbox(ByVal text_box As TextBox, ByVal isi As String)
    text_box.Text = isi
    End Sub

    Sub cek_tree_control()
    If control.SelectedNode.Text = "Change Password" Then
        If MODUL_Change_Password <> "NON" Then
            Form_profile_change_password.Show()
            If MODUL_Change_Password = "R" Then
                Form_profile_change_password.Button1.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Barang Masuk" Then
        If MODUL_Barang_Masuk <> "NON" Then
            Form_Barang_Masuk.Show()
            If MODUL_Barang_Masuk = "R" Then
                Form_Barang_Masuk.Button1.Enabled = False
                Form_Barang_Masuk.Button2.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Barang Keluar" Then
        If MODUL_Barang_Keluar <> "NON" Then
            Form_Barang_Keluar.Show()
            If MODUL_Barang_Keluar = "R" Then
                Form_Barang_Keluar.Button1.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Master Barang" Then
        If MODUL_Master_Barang <> "NON" Then
            Form_Master_Barang.Show()
            If MODUL_Master_Barang = "R" Then
                Form_Master_Barang.Button1.Enabled = False
                Form_Master_Barang.Button2.Enabled = False
                Form_Master_Barang.Button3.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Inventory" Then
        If MODUL_Inventory <> "NON" Then
            Form_Inventory.Show()
            If MODUL_Inventory = "R" Then
                Form_Inventory.Button1.Enabled = False
                Form_Inventory.Button2.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Analysis Expired" Then
        If MODUL_Analysis_Expired <> "NON" Then
            Form_Analysis_Expired.Show()
        End If
    End If
    If control.SelectedNode.Text = "Analysis Stock Minimal" Then
        If MODUL_Analysis_Stock_Minimal <> "NON" Then
            Form_Monitoring_Stock.Show()
        End If
    End If
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        End If
If control.SelectedNode.Text = "Purchase Daily" Then
    If MODUL_Purchase_Daily <> "NON" Then
        Form_Purchase_Daily.Show()
        If MODUL_Purchase_Daily = "R" Then
            Form_Purchase_Daily.Button1.Enabled = False
            Form_Purchase_Daily.Button2.Enabled = False
            Form_Purchase_Daily.Button3.Enabled = False
            Form_Purchase_Daily.Button4.Enabled = False
            Form_Purchase_Daily.Button5.Enabled = False
            Form_Purchase_Daily.Button6.Enabled = False
        End If
    End If
End If
If control.SelectedNode.Text = "Retur Purchase" Then
    If MODUL_Retur_Purchase <> "NON" Then
        Form_Retur_Purchase.Show()
        If MODUL_Retur_Purchase = "R" Then
            Form_Retur_Purchase.Panel1.Enabled = False
        End If
    End If
End If
If control.SelectedNode.Text = "Master Supplier" Then
    If MODUL_Master_Supplier <> "NON" Then
        Form_Master_Supplier.Show()
        If MODUL_Master_Supplier = "R" Then
            Form_Master_Supplier.Button2.Enabled = False
            Form_Master_Supplier.Button3.Enabled = False
            Form_Master_Supplier.Button4.Enabled = False
        End If
    End If
End If
If control.SelectedNode.Text = "Tukar Faktur" Then
    If MODUL_Tukar_Faktur <> "NON" Then
        Form_Tukar_Faktur.Show()
        If MODUL_Tukar_Faktur = "R" Then
            Form_Tukar_Faktur.Panel1.Enabled = False
        End If
    End If
End If
If control.SelectedNode.Text = "Pembayaran Supplier" Then
    If MODUL_Pembayaran_Supplier <> "NON" Then
        Form_Pembayaran_Supplier.Show()
        If MODUL_Pembayaran_Supplier = "R" Then
            Form_Pembayaran_Supplier.Button1.Enabled = False
        End If
    End If
End If
If control.SelectedNode.Text = "Sales Raptor Report" Then
    If MODUL_Sales_Raptor_Report <> "NON" Then
        Form_Sales_Raptor_Report.Show()
        If MODUL_Sales_Raptor_Report = "R" Then
            Form_Sales_Raptor_Report.Button1.Enabled = False
        End If
    End If
End If
If control.SelectedNode.Text = "Sales EDC Report" Then
    If MODUL_Sales_EDC_Report <> "NON" Then
        Form_Sales_EDC_Report.Show()
        If MODUL_Sales_EDC_Report = "R" Then
            Form_Sales_EDC_Report.Button1.Enabled = False
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                    Form_Sales_EDC_Report.Button2.Enabled = False
                End If
            End If
    End If
    If control.SelectedNode.Text = "Sales Monthly" Then
        If MODUL_Sales_Monthly <> "NON" Then
            Form_Sales_Monthly.Show()
            If MODUL_Sales_Monthly = "R" Then
                Form_Sales_Monthly.Button1.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Food Cost Monthly" Then
        If MODUL_Food_Cost_Monthly <> "NON" Then
            Form_Food_Cost_Monthly.Show()
            If MODUL_Food_Cost_Monthly = "R" Then
                Form_Food_Cost_Monthly.Button1.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Food Cost Yearly" Then
        If MODUL_Food_Cost_Yearly <> "NON" Then
            Form_Food_Cost_Yearly.Show()
            If MODUL_Food_Cost_Yearly = "R" Then
                Form_Food_Cost_Yearly.Button1.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Analysis Food Cost" Then
        If MODUL_Analysis_Food_Cost <> "NON" Then
            Form_Analysis_Food_Cost.Show()
            If MODUL_Analysis_Food_Cost = "R" Then
                Form_Analysis_Food_Cost.Button1.Enabled = False
                Form_Analysis_Food_Cost.Button2.Enabled = False
            End If
        End If

    End If
    If control.SelectedNode.Text = "Analysis Inventory" Then
        If MODUL_Analysis_Inventory <> "NON" Then
            Form_Analysis_Inventory.Show()
            If MODUL_Analysis_Inventory = "R" Then
                Form_Analysis_Inventory.Button1.Enabled = False
                Form_Analysis_Inventory.Button2.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Analysis Purchase" Then
        If MODUL_Analysis_Purchase <> "NON" Then
            Form_Analysis_Purchase.Show()
            If MODUL_Analysis_Purchase = "R" Then
                Form_Analysis_Purchase.Button1.Enabled = False
                Form_Analysis_Purchase.Button2.Enabled = False
            End If
        End If
    End If
    If control.SelectedNode.Text = "Analysis Sales" Then
        If MODUL_Analysis_Sales <> "NON" Then
            Form_Analysis_Sales.Show()
            If MODUL_Analysis_Sales = "R" Then
                Form_Analysis_Sales.Button1.Enabled = False
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                    Form_Analysis_Sales.Button2.Enabled = False
                End If
            End If
        End If
        If control.SelectedNode.Text = "User Permissions" Then
            If MODUL_Control_Panel_User_Access_Permissions <> "NON" Or
MODUL_Control_Panel_User <> "NON" Then
                Form_user_permissions.Show()
                If MODUL_Control_Panel_User_Access_Permissions <> "NON"
Then
                    If MODUL_Control_Panel_User_Access_Permissions = "R"
Then
                        Form_user_permissions.Button1.Enabled = False
                    End If
                Else
                    Form_user_permissions.Panel1.Enabled = False
                End If
                If MODUL_Control_Panel_User <> "NON" Then
                    If MODUL_Control_Panel_User = "R" Then
                        Form_user_permissions.Button2.Enabled = False
                        Form_user_permissions.Button3.Enabled = False
                        Form_user_permissions.Button4.Enabled = False
                    End If
                Else
                    Form_user_permissions.Panel4.Enabled = False
                End If
            End If
        End If
    End Sub
    ' <- Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles login_logoff_button.Click
        If login_logoff_button.Text = "Log In" Then
            cek_login_logout(1)
        Else
            cek_login_logout(0)
        End If
    End Sub

    Private Sub TextBox1_KeyDown(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyEventArgs) Handles TextBox1.KeyDown
        If e.KeyValue = 13 Then
            cek_login_logout(1)
        End If
    End Sub

    Private Sub TextBox2_KeyDown(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyEventArgs) Handles TextBox2.KeyDown
        If e.KeyValue = 13 Then
            cek_login_logout(1)
        End If
    End Sub

    Private Sub TextBox1_GotFocus(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox1.GotFocus
        If (TextBox2.Text <> "Password") Then
            use_system_password_char(TextBox2, "true")
        End If
        isi_textbox(TextBox1, "")
    End Sub
```

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        Private Sub TextBox2_GotFocus(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox2.GotFocus
            use_system_password_char(TextBox2, "true")
            isi_textbox(TextBox2, "")
        End Sub

        Private Sub TextBox1_LostFocus(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox1.LostFocus
            If TextBox1.Text = "" Then
                isi_textbox(TextBox1, "User Name")
            End If
        End Sub

        Private Sub TextBox2_LostFocus(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox2.LostFocus
            If TextBox2.Text = "" Then
                use_system_password_char(TextBox2, "false")
                isi_textbox(TextBox2, "Password")
            End If
        End Sub

        Private Sub control_AfterSelect(ByVal sender As System.Object, ByVal
    e As System.Windows.Forms.TreeViewEventArgs) Handles control.AfterSelect
            cek_tree_control()
        End Sub

        Private Sub home_Load(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles MyBase.Load
            cek_login_logout(0)
            Me.TopLevel = True
        End Sub
    End Class
```

Form Barang Masuk

```vb
Imports System.Data.OleDb
Public Class Form_Barang_Masuk
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_barang_baku
    order by on_hand", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
    DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
        End Try
    End Sub
```

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    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
    ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub Form_Barang_Masuk_Load(ByVal sender As System.Object,
    ByVal e As System.EventArgs) Handles MyBase.Load
        TextBox5.Text = home.today("tampilan")
        Label3.Text = home.Label3.Text
        dgvload()
        TextBox9.Select()
        home.Enabled = False
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button2.Click
        Form_Register_Master_Barang.Show()
        Form_Register_Master_Barang.TextBox1.Text = TextBox9.Text
    End Sub

    Private Sub MaskedTextBox1_LostFocus(ByVal sender As Object, ByVal e
    As System.EventArgs)
        TextBox6.Text = Val(TextBox6.Text) + Val(TextBox8.Text)
    End Sub

    Sub isi_field_dengan_dgv()
        TextBox9.Text = DataGridView1.Item(0,
    DataGridView1.CurrentCell.RowIndex).Value
        TextBox1.Text = DataGridView1.Item(1,
    DataGridView1.CurrentCell.RowIndex).Value
        TextBox2.Text = DataGridView1.Item(2,
    DataGridView1.CurrentCell.RowIndex).Value
        TextBox6.Text = DataGridView1.Item(3,
    DataGridView1.CurrentCell.RowIndex).Value
        TextBox7.Text = DataGridView1.Item(4,
    DataGridView1.CurrentCell.RowIndex).Value
        TextBox4.Text = DataGridView1.Item(9,
    DataGridView1.CurrentCell.RowIndex).Value
        TextBox8.Select()
    End Sub

    Private Sub DataGridView1_CellClick1(ByVal sender As Object, ByVal e
    As System.Windows.Forms.DataGridViewCellEventArgs) Handles
    DataGridView1.CellClick
        isi_field_dengan_dgv()
    End Sub

    Private Sub TextBox9_KeyPress(ByVal sender As Object, ByVal e As
    System.Windows.Forms.KeyPressEventArgs) Handles TextBox9.KeyPress
        If Asc(e.KeyChar) = 13 And DataGridView1.RowCount > 0 Then
            TextBox8.Select()
        End If
    End Sub

    Private Sub TextBox9_TextChanged(ByVal sender As System.Object, ByVal
    e As System.EventArgs) Handles TextBox9.TextChanged
        If TextBox9.Text <> "" Then
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
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                    koneksi.Open()
                    Dim da = New OleDbDataAdapter("select * from
ms_barang_baku where no_barcode = '" + TextBox9.Text + "' order by
on_hand ", koneksi)
                    Dim dt As New DataTable
                    da.Fill(dt)
                    DataGridView1.DataSource = dt
                    koneksi.Close()
                    DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try

                If DataGridView1.RowCount > 0 Then
                    isi_field_dengan_dgv()
                Else
                    TextBox1.Text = ""
                    TextBox2.Text = ""
                    TextBox6.Text = ""
                    TextBox7.Text = ""
                    TextBox4.Text = ""
                End If
            Else
                dgvload()
            End If
        End Sub

        Private Sub TextBox3_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles TextBox3.TextChanged
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim da = New OleDbDataAdapter("select * from ms_barang_baku
where nama_item like '%" + TextBox3.Text + "%' order by on_hand ",
koneksi)
                Dim dt As New DataTable
                da.Fill(dt)
                DataGridView1.DataSource = dt
                koneksi.Close()
                DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try
        End Sub

        Private Sub TextBox8_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles TextBox8.KeyPress
            If Asc(e.KeyChar) = 13 And DataGridView1.RowCount > 0 Then
                Button1.Select()
            End If
        End Sub

        Private Sub TextBox8_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox8.Leave
            Dim i
            Dim ada_char = 0
```

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        For i = 0 To TextBox8.Text.Length - 1
            If (Asc(TextBox8.Text(i)) < 48 Or Asc(TextBox8.Text(i)) > 57) Then
                ada_char = 1
            End If
        Next

        If ada_char = 1 Then
            TextBox8.Text = ""
            MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
        End If
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
        Dim DATABASE_COUNT = 0
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_expired_barang_baku", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode = DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database, MsgBoxStyle.Critical)
        End Try

        DATABASE_COUNT = Val((DataGridView1.Item(0, DataGridView1.RowCount - 1).Value.ToString.Substring(3)))

        Dim tgl_hari_ini = home.today("database")
        If TextBox9.Text <> "" And TextBox8.Text <> "" And Val(TextBox8.Text) > 0 And Val(DateTimePicker1.Text) > Val(tgl_hari_ini) Then
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim mycommand As OleDbCommand
                Dim qty = Val(TextBox8.Text) + Val(TextBox6.Text)
                DATABASE_COUNT = Val(DATABASE_COUNT) + 1

                mycommand = New OleDbCommand("INSERT INTO ms_expired_barang_baku VALUES ('no_" + DATABASE_COUNT.ToString + "','" + TextBox9.Text + "','" + TextBox1.Text + "','" + TextBox2.Text + "','" + Val(TextBox8.Text).ToString + "','" + DateTimePicker1.Text + "','" + tgl_hari_ini + "')", koneksi)
                mycommand.ExecuteNonQuery()

                mycommand = New OleDbCommand("UPDATE ms_barang_baku SET on_hand='" + qty.ToString + "'WHERE no_barcode='" + TextBox9.Text + "'", koneksi)
                mycommand.ExecuteNonQuery()
                koneksi.Close()
```

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```
                        TextBox9.Text = ""
                        TextBox1.Text = ""
                        TextBox2.Text = ""
                        TextBox4.Text = ""
                        TextBox6.Text = ""
                        TextBox7.Text = ""
                        TextBox8.Text = ""
                        DateTimePicker1.Value = "1 / 1 / 2012"
                        TextBox9.Select()
                        dgvload()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database + ex.Message,
MsgBoxStyle.Critical)
                    End Try
                Else
                    MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
                End If
            End Sub
        End Class
```

Form Barang Keluar

```
Imports System.Data.OleDb
Public Class Form_Barang_Keluar
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_barang_baku",
koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
        Catch ex As Exception
            MsgBox(ex.Message)
        End Try
    End Sub

    Sub dvgload2()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
ms_expired_barang_baku where no_barcode ='" + TextBox9.Text + "'order by
tgl_expired", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
        Catch ex As Exception
            MsgBox(ex.Message)
        End Try
    End Sub
```

```vb
Sub isi_field_dengan_dgv()
    TextBox9.Text = DataGridView1.Item(0,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox1.Text = DataGridView1.Item(1,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox2.Text = DataGridView1.Item(2,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox6.Text = DataGridView1.Item(3,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox7.Text = DataGridView1.Item(4,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox4.Text = DataGridView1.Item(9,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox8.Select()
End Sub

Private Sub Form_Barang_Keluar_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
    TextBox5.Text = home.today("tampilan")
    Label3.Text = home.Label3.Text
    dgvload()
    TextBox9.Select()
    home.Enabled = False
End Sub

Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
    home.Enabled = True
    Me.Close()
End Sub

Private Sub MaskedTextBox1_LostFocus(ByVal sender As Object, ByVal e
As System.EventArgs)
    If Val(TextBox8.Text) > Val(TextBox6.Text) Then
        TextBox8.Text = ""
    End If
    TextBox6.Text = Val(DataGridView1.Item(2,
DataGridView1.CurrentCell.RowIndex).Value) - Val(TextBox8.Text)
End Sub

Private Sub DataGridView1_CellContentClick_1(ByVal sender As
System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs)
    TextBox1.Text = DataGridView1.Item(0,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox2.Text = DataGridView1.Item(1,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox6.Text = DataGridView1.Item(2,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox7.Text = DataGridView1.Item(3,
DataGridView1.CurrentCell.RowIndex).Value
    TextBox4.Text = DataGridView1.Item(7,
DataGridView1.CurrentCell.RowIndex).Value
End Sub

Private Sub TextBox9_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles TextBox9.TextChanged
    If TextBox9.Text <> "" Then
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
```

```vbnet
                    Dim da = New OleDbDataAdapter("select * from
ms_barang_baku where no_barcode = '" + TextBox9.Text + "' order by
on_hand ", koneksi)
                    Dim dt As New DataTable
                    da.Fill(dt)
                    DataGridView1.DataSource = dt
                    koneksi.Close()
                    DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try

                If DataGridView1.RowCount > 0 Then
                    isi_field_dengan_dgv()
                Else
                    TextBox1.Text = ""
                    TextBox2.Text = ""
                    TextBox6.Text = ""
                    TextBox7.Text = ""
                    TextBox4.Text = ""
                End If
            Else
                dgvload()
            End If
        End Sub

    Private Sub DataGridView1_CellClick1(ByVal sender As Object, ByVal e
As System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellClick
        isi_field_dengan_dgv()
    End Sub

    Private Sub TextBox3_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles TextBox3.TextChanged
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_barang_baku
where nama_item like '%" + TextBox3.Text + "%' order by on_hand ",
koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub TextBox8_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles TextBox8.KeyPress
        If Asc(e.KeyChar) = 13 And DataGridView1.RowCount > 0 Then
            Button1.Select()
        End If
    End Sub
```

```vbnet
        Private Sub TextBox8_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox8.Leave
            Dim i
            Dim ada_char = 0
            For i = 0 To TextBox8.Text.Length - 1
                If (Asc(TextBox8.Text(i)) < 48 Or Asc(TextBox8.Text(i)) > 57)
    Then
                    ada_char = 1
                End If
            Next
            If ada_char = 1 Then
                TextBox8.Text = ""
                MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
            End If
        End Sub

        Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button1.Click
            If TextBox9.Text <> "" And TextBox8.Text <> "0" And TextBox8.Text
    <> "" And Val(TextBox8.Text) <= Val(TextBox6.Text) And ComboBox1.Text <>
    "" Then
                Dim sisa_qty_di_ms_barang_baku = Val(TextBox6.Text) -
    Val(TextBox8.Text)

                'update ms exp yang ingin dihapus jadi 0
                dvgload2()
                Dim jumlah_yang_ingin_dikurangkan = Val(TextBox8.Text)
                Dim i = 0
                Dim banyaknya_baris_dgv = DataGridView1.RowCount
                Dim qty_yang_ada_di_dvg = 0
                For i = 0 To banyaknya_baris_dgv - 1
                    qty_yang_ada_di_dvg = DataGridView1.Item(4, i).Value
                    If jumlah_yang_ingin_dikurangkan >= qty_yang_ada_di_dvg
    Then
                        Try
                            koneksi = New OleDb.OleDbConnection
                            koneksi.ConnectionString = home.lokasi_database
                            koneksi.Open()
                            Dim mycommand As OleDbCommand
                            Dim no_exp = DataGridView1.Item(0, i).Value
                            mycommand = New OleDbCommand("UPDATE
    ms_expired_barang_baku SET qty='0'WHERE no_expired='" + no_exp.ToString +
    "'", koneksi)
                            mycommand.ExecuteNonQuery()
                            koneksi.Close()
                        Catch ex As Exception
                            MsgBox(home.pesan_error_connection_database + " "
    + ex.Message, MsgBoxStyle.Critical)
                        End Try
                        jumlah_yang_ingin_dikurangkan -= qty_yang_ada_di_dvg
                    Else

                        If jumlah_yang_ingin_dikurangkan > 0 Then
                            Try
                                koneksi = New OleDb.OleDbConnection
                                koneksi.ConnectionString =
    home.lokasi_database
                                koneksi.Open()
                                Dim mycommand As OleDbCommand
                                Dim no_exp = DataGridView1.Item(0, i).Value
```

```vbnet
                        Dim qty = qty_yang_ada_di_dvg - jumlah_yang_ingin_dikurangkan
                        mycommand = New OleDbCommand("UPDATE ms_expired_barang_baku SET qty='" + qty.ToString + "'WHERE no_expired='" + no_exp.ToString + "'", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database + " " + ex.Message, MsgBoxStyle.Critical)
                    End Try
                    jumlah_yang_ingin_dikurangkan -= qty_yang_ada_di_dvg
                End If
            End If
        Next

        'hapus ms exp yg qty nya 0
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_expired_barang_baku where qty =0", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
        Catch ex As Exception
            MsgBox(ex.Message)
        End Try

        banyaknya_baris_dgv = DataGridView1.RowCount

        For i = 0 To banyaknya_baris_dgv - 1
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim mycommand As OleDbCommand
                Dim no_exp = DataGridView1.Item(0, i).Value
                mycommand = New OleDbCommand("Delete from ms_expired_barang_baku WHERE no_expired ='" + no_exp.ToString + "'", koneksi)
                mycommand.ExecuteNonQuery()
                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database + " " + ex.Message, MsgBoxStyle.Critical)
            End Try
        Next

        ' update qty ms_barang_baku
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim mycommand As OleDbCommand
            mycommand = New OleDbCommand("UPDATE ms_barang_baku SET on_hand='" + sisa_qty_di_ms_barang_baku.ToString + "'WHERE no_barcode='" + TextBox9.Text + "'", koneksi)
```

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```vb
                mycommand.ExecuteNonQuery()
                koneksi.Close()
                dgvload()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
            End Try

            'insert ke ms_barang_keluar
            Dim DATABASE_COUNT = 0
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim command As New OleDbCommand("select COUNT(*) from
ms_barang_keluar", koneksi)
                Dim dataReader As OleDbDataReader =
command.ExecuteReader()
                While dataReader.Read
                    DATABASE_COUNT = (dataReader(0))
                End While
                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try

            Try
                Dim tgl_hari_ini = home.today("database")
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim mycommand As OleDbCommand
                DATABASE_COUNT = Val(DATABASE_COUNT) + 1
                mycommand = New OleDbCommand("INSERT INTO
ms_barang_keluar VALUES ('no_" + DATABASE_COUNT.ToString + "','" +
tgl_hari_ini + "','" + TextBox9.Text + "','" + TextBox1.Text + "','" +
TextBox2.Text + "','" + TextBox8.Text + "','" + ComboBox1.Text + "')",
koneksi)
                mycommand.ExecuteNonQuery()
            Catch ex As Exception
                MsgBox(ex.Message)
            End Try

            TextBox9.Text = ""
            TextBox1.Text = ""
            TextBox2.Text = ""
            TextBox4.Text = ""
            TextBox6.Text = ""
            TextBox7.Text = ""
            TextBox8.Text = ""
            ComboBox1.Text = ""
            TextBox9.Select()
        Else
            MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
        End If
    End Sub
End Class
```

Form Analysis Expired

```vbnet
Imports System.Data.OleDb
Public Class Form_Analysis_Expired
    Public koneksi As OleDbConnection

    Sub dgvload_orderby(ByVal a)
        Dim orderby = a
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select a.nama_barang_baku,
a.qty,a.tgl_expired,a.tgl_masuk_barang ,
b.on_hand,b.satuan,b.lokasi_display,b.lokasi_stock,b.jenis_barang,b.Keter
angan from ms_expired_barang_baku as a inner join ms_barang_baku as b on
a.no_barcode = b.no_barcode order by " + orderby.ToString, koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub Form_Analysis_Expired_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        home.Enabled = False
        Label3.Text = home.Label3.Text
        dgvload_orderby("a.tgl_expired")
    End Sub

    Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox1.SelectedIndexChanged
        If ComboBox1.Text = "Nama" Then
            dgvload_orderby("a.nama_barang_baku")
        ElseIf ComboBox1.Text = "Tanggal Expired" Then
            dgvload_orderby("a.tgl_expired")
        ElseIf ComboBox1.Text = "Qty" Then
            dgvload_orderby("a.qty")
        End If
    End Sub
End Class
```

Form Detail Master Barang

```vbnet
Imports System.Data.OleDb
Public Class Form_Detail_Master_Barang
    Public koneksi As OleDbConnection

    Sub dgvload()
    Try
        koneksi = New OleDb.OleDbConnection
        koneksi.ConnectionString = home.lokasi_database
        koneksi.Open()
        Dim da = New OleDbDataAdapter("select * from ms_barang_baku",
koneksi)

        Dim dt As New DataTable
        da.Fill(dt)
        Form_Master_Barang.DataGridView1.DataSource = dt
        koneksi.Close()
        Form_Master_Barang.DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
    Catch ex As Exception
        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
    End Try
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Form_Master_Barang.Enabled = True
        Me.Close()
    End Sub

    Private Sub Form_Detail_Master_Barang_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Form_Master_Barang.Enabled = False
    Try
        TextBox1.Text = Form_Master_Barang.DataGridView1.Item(0,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
        TextBox2.Text = Form_Master_Barang.DataGridView1.Item(1,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
        TextBox3.Text = Form_Master_Barang.DataGridView1.Item(2,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
        TextBox4.Text = Form_Master_Barang.DataGridView1.Item(3,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
        TextBox4.Enabled = False
        TextBox5.Text = Form_Master_Barang.DataGridView1.Item(4,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
        TextBox6.Text = Form_Master_Barang.DataGridView1.Item(5,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
        TextBox7.Text = Form_Master_Barang.DataGridView1.Item(6,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
        ComboBox1.Text = Form_Master_Barang.DataGridView1.Item(7,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
        TextBox8.Text = Form_Master_Barang.DataGridView1.Item(9,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
        TextBox9.Text = Form_Master_Barang.DataGridView1.Item(10,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
    Catch ex As Exception
        MsgBox(ex.Message)
    End Try
    End Sub
```

```vb
        Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
            If TextBox1.Text <> "" And TextBox2.Text <> "" And TextBox3.Text
<> "" And ComboBox1.Text <> "-HARUS DIPILIH-" Then
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
                    Dim mycommand As OleDbCommand
                    Dim barcode_lama =
Form_Master_Barang.DataGridView1.Item(0,
Form_Master_Barang.DataGridView1.CurrentCell.RowIndex).Value
                    mycommand = New OleDbCommand("UPDATE ms_barang_baku SET
no_barcode='" + TextBox1.Text + "', no_item ='" + TextBox2.Text +
"',nama_item='" + TextBox3.Text + "',on_hand='" + TextBox4.Text +
"',satuan='" + TextBox5.Text + "',lokasi_display='" + TextBox6.Text +
"',lokasi_stock='" + TextBox7.Text + "',jenis_barang='" + ComboBox1.Text
+ "',harga_average='0',keterangan='" + TextBox8.Text +
"',minimal_stock='" + TextBox9.Text + "' WHERE no_barcode='" +
barcode_lama + "'", koneksi)
                    mycommand.ExecuteNonQuery()
                    koneksi.Close()
                    dgvload()
                    Form_Master_Barang.Enabled = True
                    Me.Close()
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
                End Try
            Else
                MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
            End If
        End Sub
    End Class
```

Form Inventory

```vb
Imports System.Data.OleDb
Public Class Form_Inventory
    Public koneksi As OleDbConnection

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs)
        Form_Register_Master_Barang.Show()
    End Sub

    Private Sub Form_Inventory_Load(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles MyBase.Load
        TextBox1.Text = home.today("tampilan")
        Label3.Text = home.Label3.Text
        home.Enabled = False
    End Sub
```

```vb
    Private Sub DataGridView1_CellEndEdit(ByVal sender As Object, ByVal e
As System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellEndEdit
        Dim i
        TextBox2.Text = "0"
        TextBox3.Text = "0"
        TextBox4.Text = "0"
        TextBox5.Text = "0"
        TextBox6.Text = "0"
        TextBox7.Text = "0"

        For i = 0 To DataGridView1.RowCount - 1
            DataGridView1.Item(8, i).Value = Val(DataGridView1.Item(6,
i).Value) * Val(DataGridView1.Item(7, i).Value)
            If DataGridView1.Item(4, i).Value = "DRY GOODS" Then
                TextBox2.Text = Val(TextBox2.Text) +
Val(DataGridView1.Item(8, i).Value)
            End If

            If DataGridView1.Item(4, i).Value = "VEGETABLES" Then
                TextBox3.Text = Val(TextBox3.Text) +
Val(DataGridView1.Item(8, i).Value)
            End If

            If DataGridView1.Item(4, i).Value = "BARANG OLAHAN" Then
                TextBox4.Text = Val(TextBox4.Text) +
Val(DataGridView1.Item(8, i).Value)
            End If

            If DataGridView1.Item(4, i).Value = "POULTRY" Then
                TextBox5.Text = Val(TextBox5.Text) +
Val(DataGridView1.Item(8, i).Value)
            End If

            If DataGridView1.Item(4, i).Value = "BAR" Then
                TextBox6.Text = Val(TextBox6.Text) +
Val(DataGridView1.Item(8, i).Value)
            End If

            If DataGridView1.Item(4, i).Value = "MATERIAL" Then
                TextBox7.Text = Val(TextBox7.Text) +
Val(DataGridView1.Item(8, i).Value)
            End If
        Next
    End Sub
    Sub fill_dgv()
        TextBox2.Text = "0"
        TextBox3.Text = "0"
        TextBox4.Text = "0"
        TextBox5.Text = "0"
        TextBox6.Text = "0"
        TextBox7.Text = "0"
        Dim a

        For a = 0 To DataGridView1.ColumnCount - 1
            DataGridView1.Columns.RemoveAt(0)
        Next

        Dim id_ms_header_inv = ""

        Try
```

```vb
        koneksi = New OleDb.OleDbConnection
        koneksi.ConnectionString = home.lokasi_database
        koneksi.Open()
        Dim id_header_inv = "inv_" + ComboBox2.Text + "_" +
ComboBox1.Text
        Dim command As New OleDbCommand("select id_header_inventory
from ms_header_inventory where id_header_inventory = '" + id_header_inv +
"' ", koneksi)
        Dim dataReader As OleDbDataReader = command.ExecuteReader()
        While dataReader.Read
            id_ms_header_inv = (dataReader(0))
        End While
        koneksi.Close()
    Catch ex As Exception
        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
    End Try

    If id_ms_header_inv = "" Then
        DataGridView1.Columns.Add("column1", "ID Inv")
        'database_count
        Dim database_count = 0
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand("select count(*) from
ms_barang_baku", koneksi)
            Dim dataReader As OleDbDataReader =
command.ExecuteReader()
            While dataReader.Read
                database_count = dataReader(0)
            End While
            koneksi.Close()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try

        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select
no_barcode,no_item,nama_item,jenis_barang,satuan,harga_average from
ms_barang_baku", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
        End Try
        DataGridView1.Columns.Add("Qty", "Qty")
        DataGridView1.Columns.Add("total", "Total")
        DataGridView1.Columns.Add("keterangan", "Keterangan")

        Dim i
        For i = 1 To DataGridView1.RowCount
```

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```vbnet
                        DataGridView1.Item(0, i - 1).Value = "inv_" +
            ComboBox2.Text + "_" + ComboBox1.Text + "_" + i.ToString
                        DataGridView1.Item(7, i - 1).Value = "0"
                        DataGridView1.Item(8, i - 1).Value = "0"
                        DataGridView1.Item(9, i - 1).Value = "-"
                Next
            Else

                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
                    Dim da = New OleDbDataAdapter("select
id,detail_inventory,no_barcode,no_item,nama_item,jenis_barang,satuan,harg
a_average,qty,total,keterangan from ms_detail_inventory where
no_header_inventory ='" + id_ms_header_inv + "'", koneksi)
                    Dim dt As New DataTable
                    da.Fill(dt)
                    DataGridView1.DataSource = dt
                    koneksi.Close()
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
                End Try
            End If


            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells

            ProgressBar1.Value = 0

            For i = 0 To DataGridView1.RowCount - 1
                ProgressBar1.Value = (Val(i) / Val(DataGridView1.RowCount)) *
100
                DataGridView1.Item(8, i).Value = Val(DataGridView1.Item(6,
i).Value) * Val(DataGridView1.Item(7, i).Value)
                If DataGridView1.Item(4, i).Value = "DRY GOODS" Then
                    TextBox2.Text = Val(TextBox2.Text) +
Val(DataGridView1.Item(8, i).Value)
                End If
                If DataGridView1.Item(4, i).Value = "VEGETABLES" Then
                    TextBox3.Text = Val(TextBox3.Text) +
Val(DataGridView1.Item(8, i).Value)
                End If
                If DataGridView1.Item(4, i).Value = "BARANG OLAHAN" Then
                    TextBox4.Text = Val(TextBox4.Text) +
Val(DataGridView1.Item(8, i).Value)
                End If
                If DataGridView1.Item(4, i).Value = "POULTRY" Then
                    TextBox5.Text = Val(TextBox5.Text) +
Val(DataGridView1.Item(8, i).Value)
                End If
                If DataGridView1.Item(4, i).Value = "BAR" Then
                    TextBox6.Text = Val(TextBox6.Text) +
Val(DataGridView1.Item(8, i).Value)
                End If
                If DataGridView1.Item(4, i).Value = "MATERIAL" Then
                    TextBox7.Text = Val(TextBox7.Text) +
Val(DataGridView1.Item(8, i).Value)
                End If
            Next
```

```vbnet
        ProgressBar1.Value = 0
    End Sub

    Sub save_inv_detail()
    Dim i
    ProgressBar1.Value = 0

    For i = 0 To DataGridView1.RowCount - 1
        ProgressBar1.Value = (Val(i) / Val(DataGridView1.RowCount)) * 100

        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim mycommand As OleDbCommand
            Dim id_detail_inventory = DataGridView1.Item(0, i).Value
            Dim no_header_inventory = "inv_" + ComboBox2.Text + "_" + ComboBox1.Text

            Dim no_barcode = DataGridView1.Item(1, i).Value
            Dim no_item = DataGridView1.Item(2, i).Value
            Dim nama_item = DataGridView1.Item(3, i).Value
            Dim jenis_barang = DataGridView1.Item(4, i).Value
            Dim satuan = DataGridView1.Item(5, i).Value
            Dim harga_average = DataGridView1.Item(6, i).Value
            Dim qty = DataGridView1.Item(7, i).Value
            Dim total = DataGridView1.Item(8, i).Value
            Dim keterangan = DataGridView1.Item(9, i).Value
            mycommand = New OleDbCommand("INSERT INTO
ms_detail_inventory VALUES ('" + id_detail_inventory.ToString + "','" +
no_header_inventory.ToString + "','" + no_barcode.ToString + "','" +
no_item.ToString + "','" + nama_item.ToString + "','" +
jenis_barang.ToString + "','" + satuan.ToString + "','" +
harga_average.ToString + "','" + qty.ToString + "','" + total.ToString +
"','" + keterangan + "')", koneksi)
            mycommand.ExecuteNonQuery()
            koneksi.Close()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
        End Try
    Next
    ProgressBar1.Value = 0
    End Sub

    Sub delete_inv_detail()
    Try
        koneksi = New OleDb.OleDbConnection
        koneksi.ConnectionString = home.lokasi_database
        koneksi.Open()
        Dim mycommand As OleDbCommand
        Dim no_header_inventory = "inv_" + ComboBox2.Text + "_" + ComboBox1.Text
        mycommand = New OleDbCommand("Delete from ms_detail_inventory
WHERE no_header_inventory='" + no_header_inventory + "'", koneksi)
        mycommand.ExecuteNonQuery()
        koneksi.Close()
    Catch ex As Exception
        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
    End Try
    End Sub
```

```vb
Sub save_inv_header()
    Try
        koneksi = New OleDb.OleDbConnection
        koneksi.ConnectionString = home.lokasi_database
        koneksi.Open()
        Dim mycommand As OleDbCommand
        Dim id_header_inventory = "inv_" + ComboBox2.Text + "_" +
ComboBox1.Text
        Dim tgl_inventory = home.today("database")
        Dim inventory_bulan = ComboBox1.Text
        Dim inventory_tahun = ComboBox2.Text
        Dim total_inventory = TextBox8.Text
        mycommand = New OleDbCommand("INSERT INTO ms_header_inventory
VALUES ('" + id_header_inventory + "','" + tgl_inventory + "','" +
inventory_bulan + "','" + inventory_tahun + "','" + total_inventory +
"')", koneksi)
        mycommand.ExecuteNonQuery()
        koneksi.Close()
        'fill_dgv()
    Catch ex As Exception
        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
    End Try
End Sub

Private Sub Button2_Click_1(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
    If DataGridView1.RowCount > 0 Then
        Dim result As MsgBoxResult = MsgBox("Simpan daftar inventory
sebelumnya?", MsgBoxStyle.YesNoCancel)
        If result = MsgBoxResult.Yes Then
            Dim id_ms_header_inv = ""
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim id_header_inv = "inv_" + ComboBox2.Text + "_" +
ComboBox1.Text
                Dim command As New OleDbCommand("select
id_header_inventory from ms_header_inventory where id_header_inventory =
'" + id_header_inv + "' ", koneksi)
                Dim dataReader As OleDbDataReader =
command.ExecuteReader()
                While dataReader.Read
                    id_ms_header_inv = (dataReader(0))
                End While
                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try

            If id_ms_header_inv = "" Then
                save_inv_header()
                save_inv_detail()
                Dim a
                For a = 0 To DataGridView1.ColumnCount - 1
                    DataGridView1.Columns.RemoveAt(0)
                Next
            Else
```

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```vbnet
                delete_inv_detail()
                save_inv_detail()
                Dim a
                For a = 0 To DataGridView1.ColumnCount - 1
                    DataGridView1.Columns.RemoveAt(0)
                Next
            End If
        ElseIf result = MsgBoxResult.No Then
            fill_dgv()
        End If
    Else
        fill_dgv()
    End If
End Sub

Private Sub ComboBox3_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox3.SelectedIndexChanged
    Dim a
    For a = 0 To DataGridView1.ColumnCount - 1
        DataGridView1.Columns.RemoveAt(0)
    Next

    Dim id_ms_header_inv = ""
    Try
        koneksi = New OleDb.OleDbConnection
        koneksi.ConnectionString = home.lokasi_database
        koneksi.Open()
        Dim id_header_inv = "inv_" + ComboBox2.Text + "_" +
ComboBox1.Text
        Dim command As New OleDbCommand("select id_header_inventory
from ms_header_inventory where id_header_inventory = '" + id_header_inv +
"' ", koneksi)
        Dim dataReader As OleDbDataReader = command.ExecuteReader()
        While dataReader.Read
            id_ms_header_inv = (dataReader(0))
        End While
        koneksi.Close()
    Catch ex As Exception
        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
    End Try

    If id_ms_header_inv = "" Then
        DataGridView1.Columns.Add("column1", "ID Inv")
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim query = ""
            If ComboBox3.Text = "No Barcode" Then
                query = "select
no_barcode,no_item,nama_item,jenis_barang,satuan,harga_average from
ms_barang_baku order by no_barcode"
            End If
            If ComboBox3.Text = "No Barang" Then
                query = "select
no_barcode,no_item,nama_item,jenis_barang,satuan,harga_average from
ms_barang_baku order by no_item"
            End If
            If ComboBox3.Text = "Nama Barang" Then
```

```vbnet
                query = "select
no_barcode,no_item,nama_item,jenis_barang,satuan,harga_average from
ms_barang_baku order by nama_item"
                End If
                If ComboBox3.Text = "Jenis Barang" Then
                    query = "select
no_barcode,no_item,nama_item,jenis_barang,satuan,harga_average from
ms_barang_baku order by jenis_barang"
                End If

                Dim da = New OleDbDataAdapter(query, koneksi)
                Dim dt As New DataTable
                da.Fill(dt)
                DataGridView1.DataSource = dt
                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
            End Try
            DataGridView1.Columns.Add("Qty", "Qty")
            DataGridView1.Columns.Add("total", "Total")
            DataGridView1.Columns.Add("keterangan", "Keterangan")

            Dim i
            For i = 1 To DataGridView1.RowCount
                DataGridView1.Item(0, i - 1).Value = "inv_" +
ComboBox2.Text + "_" + ComboBox1.Text + "_" + i.ToString
                DataGridView1.Item(7, i - 1).Value = "0"
                DataGridView1.Item(8, i - 1).Value = "0"
                DataGridView1.Item(9, i - 1).Value = "-"
                ProgressBar1.Value = (Val(i) /
Val(DataGridView1.RowCount)) * 100
            Next
            ProgressBar1.Value = 0
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        End If
    End Sub

    Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles TextBox2.TextChanged
        TextBox8.Text = Val(TextBox2.Text) + Val(TextBox3.Text) +
Val(TextBox4.Text) + Val(TextBox5.Text) + Val(TextBox6.Text) +
Val(TextBox7.Text)
    End Sub

    Private Sub TextBox3_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles TextBox3.TextChanged
        TextBox8.Text = Val(TextBox2.Text) + Val(TextBox3.Text) +
Val(TextBox4.Text) + Val(TextBox5.Text) + Val(TextBox6.Text) +
Val(TextBox7.Text)
    End Sub

    Private Sub TextBox4_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles TextBox4.TextChanged
        TextBox8.Text = Val(TextBox2.Text) + Val(TextBox3.Text) +
Val(TextBox4.Text) + Val(TextBox5.Text) + Val(TextBox6.Text) +
Val(TextBox7.Text)
    End Sub
```

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```vb
        Private Sub TextBox5_TextChanged(ByVal sender As System.Object, ByVal
    e As System.EventArgs) Handles TextBox5.TextChanged
            TextBox8.Text = Val(TextBox2.Text) + Val(TextBox3.Text) +
    Val(TextBox4.Text) + Val(TextBox5.Text) + Val(TextBox6.Text) +
    Val(TextBox7.Text)
        End Sub

        Private Sub TextBox6_TextChanged(ByVal sender As System.Object, ByVal
    e As System.EventArgs) Handles TextBox6.TextChanged
            TextBox8.Text = Val(TextBox2.Text) + Val(TextBox3.Text) +
    Val(TextBox4.Text) + Val(TextBox5.Text) + Val(TextBox6.Text) +
    Val(TextBox7.Text)
        End Sub

        Private Sub TextBox7_TextChanged(ByVal sender As System.Object, ByVal
    e As System.EventArgs) Handles TextBox7.TextChanged
            TextBox8.Text = Val(TextBox2.Text) + Val(TextBox3.Text) +
    Val(TextBox4.Text) + Val(TextBox5.Text) + Val(TextBox6.Text) +
    Val(TextBox7.Text)
        End Sub

        Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button1.Click
        Dim id_ms_header_inv = ""
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim id_header_inv = "inv_" + ComboBox2.Text + "_" +
    ComboBox1.Text
            Dim command As New OleDbCommand("select id_header_inventory
    from ms_header_inventory where id_header_inventory = '" + id_header_inv +
    "' ", koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()
            While dataReader.Read
                id_ms_header_inv = (dataReader(0))
            End While
            koneksi.Close()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
        End Try

        If id_ms_header_inv = "" Then
            save_inv_header()
            save_inv_detail()
            Dim a
            For a = 0 To DataGridView1.ColumnCount - 1
                DataGridView1.Columns.RemoveAt(0)
            Next
        Else
            delete_inv_detail()
            save_inv_detail()
            Dim a
            For a = 0 To DataGridView1.ColumnCount - 1
                DataGridView1.Columns.RemoveAt(0)
            Next
        End If
        MsgBox("Inventory has been successfully inputted")
        home.Enabled = True
        Me.Close()
```

```vbnet
        End Sub
    End Class
```

Form Master Barang

```vbnet
Imports System.Data.OleDb
Public Class Form_Master_Barang
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_barang_baku
order by on_hand", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        Form_Register_Master_Barang.Show()
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Form_Detail_Master_Barang.Show()
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub Form_Master_Barang_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        Label3.Text = home.Label3.Text
        home.Enabled = False
        dgvload()
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
        If TextBox1.Text <> "" Then
            If MsgBox("Are you sure to delete " + TextBox1.Text,
MsgBoxStyle.YesNo) = MsgBoxResult.Yes Then
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
```

```vbnet
                        Dim mycommand As OleDbCommand
                        mycommand = New OleDbCommand("Delete from
    ms_barang_baku WHERE no_barcode='" + DataGridView1.Item(0,
    DataGridView1.CurrentCell.RowIndex).Value + "'", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                        TextBox1.Text = ""
                        dgvload()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
                    End Try
                Else
                    TextBox1.Text = ""
                End If
            Else
                MsgBox("Select Item for Delete.", MsgBoxStyle.Critical)
            End If
        End Sub

        Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal
    e As System.EventArgs) Handles TextBox1.TextChanged
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim da = New OleDbDataAdapter("select * from ms_barang_baku
    where nama_item like '%" + TextBox1.Text + "%' order by on_hand ",
    koneksi)
                Dim dt As New DataTable
                da.Fill(dt)
                DataGridView1.DataSource = dt
                koneksi.Close()
                DataGridView1.AutoSizeColumnsMode =
    DataGridViewAutoSizeColumnsMode.AllCells
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
            End Try
        End Sub

        Private Sub DataGridView1_CellMouseDoubleClick(ByVal sender As
    Object, ByVal e As System.Windows.Forms.DataGridViewCellMouseEventArgs)
    Handles DataGridView1.CellMouseDoubleClick
            TextBox1.Text = DataGridView1.Item(2,
    DataGridView1.CurrentCell.RowIndex).Value
        End Sub
    End Class
```

Form Monitoring Stock

```vbnet
Imports System.Data.OleDb
Public Class Form_Monitoring_Stock
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
```

```vbnet
                Dim da = New OleDbDataAdapter("select * from ms_barang_baku
    where on_hand < minimal_stock", koneksi)
                Dim dt As New DataTable
                da.Fill(dt)
                DataGridView1.DataSource = dt
                koneksi.Close()
                DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database + "   " +
ex.Message, MsgBoxStyle.Critical)
            End Try
        End Sub

        Private Sub Form2_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
            home.Enabled = False
            dgvload()
            Label3.Text = home.Label3.Text
        End Sub

        Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
            home.Enabled = True
            Me.Close()
        End Sub
    End Class
```

Form Register Master Barang

```vbnet
Imports System.Data.OleDb
Public Class Form_Register_Master_Barang
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_barang_baku",
koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            Form_Master_Barang.DataGridView1.DataSource = dt
            koneksi.Close()
            Form_Master_Barang.DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Form_Master_Barang.Enabled = True
        Me.Close()
    End Sub
```

```vbnet
    Private Sub Form_Register_Master_Barang_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Form_Master_Barang.Enabled = False
        TextBox1.Select()
        TextBox4.Enabled = False
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        If TextBox1.Text <> "" And TextBox2.Text <> "" And TextBox3.Text
<> "" And ComboBox1.Text <> "-HARUS DIPILIH-" Then
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim mycommand As OleDbCommand
                mycommand = New OleDbCommand("INSERT INTO ms_barang_baku
VALUES ('" + TextBox1.Text + "','" + TextBox2.Text + "','" +
TextBox3.Text + "','" + TextBox4.Text + "','" + TextBox5.Text + "','" +
TextBox6.Text + "','" + TextBox7.Text + "','" + ComboBox1.Text +
"','0','" + TextBox8.Text + "','" + TextBox9.Text + "')", koneksi)
                mycommand.ExecuteNonQuery()
                koneksi.Close()
                dgvload()
                Form_Master_Barang.Enabled = True
                Me.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database + ex.Message,
MsgBoxStyle.Critical)
            End Try
        Else
            MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
        End If
    End Sub

    Private Sub TextBox8_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox8.Click
        TextBox8.SelectAll()
    End Sub
End Class
```

Form User Permission

```vbnet
Imports System.Data.OleDb
Public Class Form_user_permissions
    Public koneksi As OleDbConnection

    Private Sub ComboBox2_TextChanged(ByVal sender As Object, ByVal e As
System.EventArgs) Handles ComboBox2.TextChanged
        Label13.Text = ComboBox2.Text
    End Sub

    Private Sub CheckBox6_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles CheckBox6.CheckedChanged
        If CheckBox6.Checked = True Then
            TextBox2.UseSystemPasswordChar = False
        Else
            TextBox2.UseSystemPasswordChar = True
        End If
    End Sub
```

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```vb
    Private Sub CheckBox7_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles CheckBox7.CheckedChanged
        If CheckBox7.Checked = True Then
            TextBox3.UseSystemPasswordChar = False
        Else
            TextBox3.UseSystemPasswordChar = True
        End If
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Visible = True
        Me.Close()
    End Sub

    Private Sub Form_user_permissions_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        Label3.Text = home.Label3.Text
        home.Visible = False
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand("select username from
user_profile", koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()
            ComboBox1.Items.Clear()
            ComboBox2.Items.Clear()
            While dataReader.Read
                ComboBox1.Items.Add(dataReader(0))
                ComboBox2.Items.Add(dataReader(0))
            End While
            koneksi.Close()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub RadioButton1_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RadioButton1.CheckedChanged
        Label14.Text = "NON"
    End Sub

    Private Sub RadioButton2_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RadioButton2.CheckedChanged
        Label14.Text = "R"
    End Sub

    Private Sub RadioButton3_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RadioButton3.CheckedChanged
        Label14.Text = "RW"
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        If ComboBox1.Text <> "" Or ComboBox2.Text <> "" Then
```

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```vb
Dim MODUL = ComboBox3.Text
Dim field = ""

If MODUL = "Change Password" Then
    field = "Change_Password"
End If

If MODUL = "Barang Masuk" Then
    field = "Barang_Masuk"
End If

If MODUL = "Barang Keluar" Then
    field = "Barang_Keluar"
End If

If MODUL = "Master Barang" Then
    field = "Master_Barang"
End If

If MODUL = "Inventory" Then
    field = "Inventory"
End If

If MODUL = "Analysis Expired" Then
    field = "Analysis_Expired"
End If

If MODUL = "Analysis Stock Minimal" Then
    field = "Analysis_Stock_Minimal"
End If

If MODUL = "Purchase Daily" Then
    field = "Purchase_Daily"
End If

If MODUL = "Retur Purchase" Then
    field = "Retur_Purchase"
End If

If MODUL = "Master Supplier" Then
    field = "Master_Supplier"
End If

If MODUL = "Tukar Faktur" Then
    field = "Tukar_Faktur"
End If

If MODUL = "Pembayaran Supplier" Then
    field = "Pembayaran_Supplier"
End If

If MODUL = "Sales Raptor Report" Then
    field = "Sales_Raptor_Report"
End If

If MODUL = "Sales EDC Report" Then
    field = "Sales_EDC_Report"
End If

If MODUL = "Sales Monthly" Then
    field = "Sales_Monthly"
```

```vb
            End If

            If MODUL = "Food Cost Monthly" Then
                field = "Food_Cost_Monthly"
            End If

            If MODUL = "Food Cost Yearly" Then
                field = "Food_Cost_Yearly"
            End If

            If MODUL = "Analysis Food Cost" Then
                field = "Analysis_Food_Cost"
            End If

            If MODUL = "Analysis Inventory" Then
                field = "Analysis_Inventory"
            End If

            If MODUL = "Analysis Purchase" Then
                field = "Analysis_Purchase"
            End If

            If MODUL = "Analysis Sales" Then
                field = "Analysis_Sales"
            End If

            If MODUL = "User Access Permissions" Then
                field = "Control_Panel_User_Access_Permissions"
            End If

            If MODUL = "User" Then
                field = "Control_Panel_User"
            End If

            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim mycommand As OleDbCommand
                mycommand = New OleDbCommand("UPDATE user_profile SET " +
field + " ='" + Label14.Text + "'WHERE username='" + ComboBox1.Text +
"'", koneksi)
                mycommand.ExecuteNonQuery()
                koneksi.Close()
                MsgBox("Update Control Panel User has been Successfully")
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
            End Try
        Else
            MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
        End If
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim mycommand As OleDbCommand
```

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                mycommand = New OleDbCommand("Delete from user_profile WHERE
username='" + ComboBox2.Text + "'", koneksi)
                mycommand.ExecuteNonQuery()
                koneksi.Close()
                ComboBox1.Items.Clear()
                ComboBox2.Items.Clear()
                MsgBox("Delete User has been Successfully")
                ComboBox2.Text = ""
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try

            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim command As New OleDbCommand("select username from
user_profile", koneksi)
                Dim dataReader As OleDbDataReader = command.ExecuteReader()
                ComboBox1.Items.Clear()
                ComboBox2.Items.Clear()
                While dataReader.Read
                    ComboBox1.Items.Add(dataReader(0))
                    ComboBox2.Items.Add(dataReader(0))
                End While
                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
        If TextBox2.Text <> "" Then
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim mycommand As OleDbCommand
                mycommand = New OleDbCommand("INSERT INTO user_profile
VALUES ('" + TextBox1.Text + "','" + TextBox2.Text +
"','NON','NON','NON','NON','NON','NON','NON','NON','NON','NON','NON
','NON','NON','NON','NON','NON','NON','NON','NON','NON')", koneksi)
                mycommand.ExecuteNonQuery()
                koneksi.Close()
                MsgBox("Insert New User has been Successfully")
                TextBox1.Text = ""
                TextBox2.Text = ""
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try

            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim command As New OleDbCommand("select username from
user_profile", koneksi)
```

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                        Dim dataReader As OleDbDataReader =
command.ExecuteReader()
                    ComboBox1.Items.Clear()
                    ComboBox2.Items.Clear()
                    While dataReader.Read
                        ComboBox1.Items.Add(dataReader(0))
                        ComboBox2.Items.Add(dataReader(0))
                    End While
                    koneksi.Close()
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try
            Else
                MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
            End If
        End Sub

        Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button4.Click
            If Label13.Text = "SELECT USER" Or TextBox3.Text = "" Then
                MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
            Else
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
                    Dim mycommand As OleDbCommand
                    mycommand = New OleDbCommand("UPDATE user_profile SET
user_password='" + TextBox3.Text + "'WHERE username='" + ComboBox2.Text +
"'", koneksi)
                    mycommand.ExecuteNonQuery()
                    koneksi.Close()
                    MsgBox("Reset Password User has been Successfully")
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try
            End If
        End Sub

        Private Sub control_AfterSelect(ByVal sender As System.Object, ByVal
e As System.Windows.Forms.TreeViewEventArgs) Handles Control.AfterSelect
            If control.SelectedNode.Text = "Change Password" Then
                ComboBox3.Items.Clear()
                ComboBox3.Text = "Change Password"
            End If

            If control.SelectedNode.Text = "Barang Masuk" Then
                ComboBox3.Items.Clear()
                ComboBox3.Text = "Barang Masuk"
            End If

            If control.SelectedNode.Text = "Barang Keluar" Then
                ComboBox3.Items.Clear()
                ComboBox3.Text = "Barang Keluar"
            End If

            If control.SelectedNode.Text = "Master Barang" Then
                ComboBox3.Items.Clear()
                ComboBox3.Text = "Master Barang"
```

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        End If

    If control.SelectedNode.Text = "Inventory" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Inventory"
    End If

    If control.SelectedNode.Text = "Analysis Expired" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Analysis Expired"
    End If

    If control.SelectedNode.Text = "Analysis Stock Minimal" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Analysis Stock Minimal"
    End If

    If control.SelectedNode.Text = "Purchase Daily" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Purchase Daily"
    End If

    If control.SelectedNode.Text = "Retur Purchase" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Retur Purchase"
    End If

    If control.SelectedNode.Text = "Master Supplier" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Master Supplier"
    End If

    If control.SelectedNode.Text = "Tukar Faktur" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Tukar Faktur"
    End If

    If control.SelectedNode.Text = "Pembayaran Supplier" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Pembayaran Supplier"
    End If

    If control.SelectedNode.Text = "Sales Raptor Report" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Sales Raptor Report"
    End If

    If control.SelectedNode.Text = "Sales EDC Report" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Sales EDC Report"
    End If

    If control.SelectedNode.Text = "Sales Monthly" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Sales Monthly"
    End If

    If control.SelectedNode.Text = "Food Cost Monthly" Then
        ComboBox3.Items.Clear()
        ComboBox3.Text = "Food Cost Monthly"
    End If
```

```vbnet
        If control.SelectedNode.Text = "Food Cost Yearly" Then
            ComboBox3.Items.Clear()
            ComboBox3.Text = "Food Cost Yearly"
        End If

        If control.SelectedNode.Text = "Analysis Food Cost" Then
            ComboBox3.Items.Clear()
            ComboBox3.Text = "Analysis Food Cost"
        End If

        If control.SelectedNode.Text = "Analysis Inventory" Then
            ComboBox3.Items.Clear()
            ComboBox3.Text = "Analysis Inventory"
        End If

        If control.SelectedNode.Text = "Analysis Purchase" Then
            ComboBox3.Items.Clear()
            ComboBox3.Text = "Analysis Purchase"
        End If

        If control.SelectedNode.Text = "Analysis Sales" Then
            ComboBox3.Items.Clear()
            ComboBox3.Text = "Analysis Sales"
        End If

        If control.SelectedNode.Text = "User Permissions" Then
            ComboBox3.Items.Clear()
            ComboBox3.Items.Add("User Access Permissions")
            ComboBox3.Items.Add("User")
            ComboBox3.Text = "Please Select"
        End If
    End Sub
End Class
```

Form Analysis Food Cost

```vbnet
Imports System.Data.OleDb
Public Class Form_Analysis_Food_Cost
    Public koneksi As OleDbConnection

    Dim banyaknya_cost_diproses = 0
    Dim progressbar_value = 0

    Sub fill_datagridview(ByVal query As String)
        Dim da = New OleDbDataAdapter(query, koneksi)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub

    Sub hapus_dgv()
        DataGridView1.Rows.Clear()
    End Sub

    Function hitung_total_progressbar(ByVal query)
        Dim total_count = 0
        Dim command As New OleDbCommand(query, koneksi)
        Dim dataReader As OleDbDataReader = command.ExecuteReader()
```

```vb
            While dataReader.Read
                total_count = dataReader(0)
            End While
            Return total_count
        End Function

        Sub CreateChart(ByVal series As Integer, ByVal totalpoint_series As
        Integer, ByVal nama_bulan As String, ByVal angka_bulan As String)
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim query = ""
                Dim total_progressbar = 0
                Dim i = 0
                Dim total_row = 0
                Dim pembelian_gudang_perpurchase = 0

                'hitung semua total progressbar
                query = "select count (*) from ms_purchase_detail where
        department = 'Gudang' and no_purchase_detail like '" + ComboBox1.Text +
        angka_bulan + "%' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_purchase_detail where
        department = 'Ham' and no_purchase_detail like '" + ComboBox1.Text +
        angka_bulan + "%' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_purchase_detail where
        department = 'Kitchen' and no_purchase_detail like '" + ComboBox1.Text +
        angka_bulan + "%' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_purchase_detail where
        department = 'Bar' and no_purchase_detail like '" + ComboBox1.Text +
        angka_bulan + "%' "
                total_progressbar += hitung_total_progressbar(query)

                Dim bulan_lalu = ""
                Dim tahun
                If angka_bulan = "01" Then
                    bulan_lalu = "Desember"
                    tahun = (Val(ComboBox1.Text) - 1).ToString
                Else
                    If angka_bulan = "02" Then
                        bulan_lalu = "Januari"
                    End If

                    If angka_bulan = "03" Then
                        bulan_lalu = "Februari"
                    End If

                    If angka_bulan = "04" Then
                        bulan_lalu = "Maret"
                    End If

                    If angka_bulan = "05" Then
                        bulan_lalu = "April"
                    End If
```

```
        If angka_bulan = "06" Then
            bulan_lalu = "Mei"
        End If

        If angka_bulan = "07" Then
            bulan_lalu = "Juni"
        End If

        If angka_bulan = "08" Then
            bulan_lalu = "Juli"
        End If

        If angka_bulan = "09" Then
            bulan_lalu = "Agustus"
        End If

        If angka_bulan = "10" Then
            bulan_lalu = "September"
        End If

        If angka_bulan = "11" Then
            bulan_lalu = "Oktober"
        End If

        If angka_bulan = "12" Then
            bulan_lalu = "November"
        End If
        tahun = ComboBox1.Text
    End If
    query = "select count (*) from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  = 'inv_" + tahun +
"_" + bulan_lalu + "' "
        total_progressbar += hitung_total_progressbar(query)

        query = "select count (*) from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  = 'inv_" + tahun + "_"
+ bulan_lalu + "' "
        total_progressbar += hitung_total_progressbar(query)

        query = "select count (*) from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  = 'inv_" + tahun +
"_" + bulan_lalu + "' "
        total_progressbar += hitung_total_progressbar(query)

        query = "select count (*) from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  = 'inv_" + tahun + "_" +
bulan_lalu + "' "
        total_progressbar += hitung_total_progressbar(query)

        query = "select count (*) from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  = 'inv_" +
ComboBox1.Text + "_" + nama_bulan + "' "
        total_progressbar += hitung_total_progressbar(query)

        query = "select count (*) from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  = 'inv_" +
ComboBox1.Text + "_" + nama_bulan + "' "
        total_progressbar += hitung_total_progressbar(query)
```

```
        query = "select count (*) from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  = 'inv_" +
ComboBox1.Text + "_" + nama_bulan + "' "
            total_progressbar += hitung_total_progressbar(query)

        query = "select count (*) from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  = 'inv_" + ComboBox1.Text +
"_" + nama_bulan + "' "
            total_progressbar += hitung_total_progressbar(query)

        query = "select count (*) from sales_raptor_report where
Tanggal like '" + ComboBox1.Text + angka_bulan + "%' "
            total_progressbar += hitung_total_progressbar(query)

        query = "select count (*) from sales_raptor_report where
Tanggal like '" + ComboBox1.Text + angka_bulan + "%' "
            total_progressbar += hitung_total_progressbar(query)

        query = "select count (*) from sales_raptor_report where
Tanggal like '" + ComboBox1.Text + angka_bulan + "%' "
            total_progressbar += hitung_total_progressbar(query)

        'Purchase_food
        Dim dimfood_beli_bulan_ini = 0

        'Purchase_food_gudang
        query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Gudang' and no_purchase_detail like '" +
ComboBox1.Text + angka_bulan + "%' "
        fill_datagridview(query)
        total_row = DataGridView1.RowCount
        For i = 0 To total_row - 1
            pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value) * Val(DataGridView1.Item(1, i).Value)
            dimfood_beli_bulan_ini += pembelian_gudang_perpurchase
            progressbar_value += 1
            ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100
        Next

        'Purchase_food_ham
        query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Ham' and no_purchase_detail like '" + ComboBox1.Text
+ angka_bulan + "%' "
        fill_datagridview(query)
        total_row = DataGridView1.RowCount
        For i = 0 To total_row - 1
            pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value) * Val(DataGridView1.Item(1, i).Value)
            dimfood_beli_bulan_ini += pembelian_gudang_perpurchase
            progressbar_value += 1
            ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100

        Next

        'Purchase_food_kitchen
        query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Kitchen' and no_purchase_detail like '" +
ComboBox1.Text + angka_bulan + "%' "
        fill_datagridview(query)
```

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                total_row = DataGridView1.RowCount
                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value) * Val(DataGridView1.Item(1, i).Value)
                    dimfood_beli_bulan_ini += pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100

                Next

                'Purchase_baverage
                Dim dimbeverage_beli_bulan_ini = 0
                query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Bar' and no_purchase_detail like '" + ComboBox1.Text
+ angka_bulan + "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount
                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value) * Val(DataGridView1.Item(1, i).Value)
                    dimbeverage_beli_bulan_ini +=
pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100

                Next

                Dim dimtotal_beli_bulan_ini = dimfood_beli_bulan_ini +
dimbeverage_beli_bulan_ini
                'Hasil seluruh pembelian food = dimfood_beli_bulan_ini
                'Hasil seluruh pembelian beverage =
dimbeverage_beli_bulan_ini
                'Hasil seluruh pembelian food & beverage =
dimtotal_beli_bulan_ini

                'sisa_bulan_lalu
                Dim dimfood_sisa_bulan_lalu = 0
                'sisa_food_drygood_bulan_lalu
                query = "select total from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  = 'inv_" + tahun +
"_" + bulan_lalu + "' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount

                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value)
                    dimfood_sisa_bulan_lalu += pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100
                Next

                'sisa_food_POULTRY_bulan_lalu
                query = "select total from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  = 'inv_" + tahun + "_"
+ bulan_lalu + "' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount
```

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                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
    i).Value)
                        dimfood_sisa_bulan_lalu += pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = ((progressbar_value /
    total_progressbar) / banyaknya_cost_diproses) * 100

                    Next

                    'sisa_food_VEGETABLES_bulan_lalu
                    query = "select total from ms_detail_inventory where
    jenis_barang = 'VEGETABLES' and no_header_inventory  = 'inv_" + tahun +
    "_" + bulan_lalu + "' "
                        fill_datagridview(query)
                        total_row = DataGridView1.RowCount

                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
    i).Value)
                        dimfood_sisa_bulan_lalu += pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = ((progressbar_value /
    total_progressbar) / banyaknya_cost_diproses) * 100
                    Next

                    'sisa_bar_bulan_lalu
                    Dim dimbeverage_sisa_bulan_lalu = 0
                    query = "select total from ms_detail_inventory where
    jenis_barang = 'BAR' and no_header_inventory  = 'inv_" + tahun + "_" +
    bulan_lalu + "' "
                        fill_datagridview(query)
                        total_row = DataGridView1.RowCount

                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
    i).Value)
                        dimbeverage_sisa_bulan_lalu +=
    pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = ((progressbar_value /
    total_progressbar) / banyaknya_cost_diproses) * 100
                    Next

                    Dim dimtotal_sisa_bulan_lalu = dimfood_sisa_bulan_lalu +
    dimbeverage_sisa_bulan_lalu
                        'Hasil Seluruh sisa food bulan lalu =dimfood_sisa_bulan_lalu
                        'Hasil Seluruh sisa beverage bulan lalu
    =dimbeverage_sisa_bulan_lalu
                        'Hasil Seluruh sisa food & beverage bulan lalu
    =dimtotal_sisa_bulan_lalu

                    'sisa_bulan_ini
                    Dim dimfood_sisa_bulan_ini = 0
                    'sisa_food_drygood_bulan_ini
                    query = "select total from ms_detail_inventory where
    jenis_barang = 'DRY GOODS' and no_header_inventory  = 'inv_" +
    ComboBox1.Text + "_" + nama_bulan + "' "
                        fill_datagridview(query)
                        total_row = DataGridView1.RowCount
```

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```
        For i = 0 To total_row - 1
            pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value)
            dimfood_sisa_bulan_ini += pembelian_gudang_perpurchase
            progressbar_value += 1
            ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100
        Next

        'sisa_food_POULTRY_bulan_ini
        query = "select total from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  = 'inv_" +
ComboBox1.Text + "_" + nama_bulan + "' "
        fill_datagridview(query)
        total_row = DataGridView1.RowCount

        For i = 0 To total_row - 1
            pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value)
            dimfood_sisa_bulan_ini += pembelian_gudang_perpurchase
            progressbar_value += 1
            ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100
        Next

        'sisa_food_VEGETABLES_bulan_ini
        query = "select total from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  = 'inv_" +
ComboBox1.Text + "_" + nama_bulan + "' "
        fill_datagridview(query)
        total_row = DataGridView1.RowCount

        For i = 0 To total_row - 1
            pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value)
            dimfood_sisa_bulan_ini += pembelian_gudang_perpurchase
            progressbar_value += 1
            ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100
        Next

        'sisa_bar_bulan_ini
        Dim dimbeverage_sisa_bulan_ini = 0
        query = "select total from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  = 'inv_" + ComboBox1.Text +
"_" + nama_bulan + "' "
        fill_datagridview(query)
        total_row = DataGridView1.RowCount

        For i = 0 To total_row - 1
            pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value)
            dimbeverage_sisa_bulan_ini +=
pembelian_gudang_perpurchase
            progressbar_value += 1
            ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100
        Next
```

```vbnet
            Dim dimtotal_sisa_bulan_ini = dimfood_sisa_bulan_ini +
dimbeverage_sisa_bulan_ini
                'Hasil Seluruh Sisa food bulan ini =dimfood_sisa_bulan_ini
                'Hasil Seluruh Sisa beverage bulan ini
=dimbeverage_sisa_bulan_ini
                'Hasil Seluruh Sisa food & beverage bulan ini
=dimtotal_sisa_bulan_ini

            Dim dimgrand_total_food = dimfood_beli_bulan_ini +
dimfood_sisa_bulan_lalu - dimfood_sisa_bulan_ini
                'Hasil Seluruh Grand food bulan ini =dimgrand_total_food
            Dim dimgrand_total_beverage = dimbeverage_beli_bulan_ini +
dimbeverage_sisa_bulan_lalu - dimbeverage_sisa_bulan_ini
                'Hasil Seluruh Grand Beverage bulan ini
=dimgrand_total_beverage
            Dim dimtotal_grand_purchase = dimgrand_total_food +
dimgrand_total_beverage
                'Hasil Seluruh Grand Purchase bulan ini
=dimtotal_grand_purchase

            'sales
            Dim dimsales_food = 0
            'sales_food
            query = "select Total_Foods from sales_raptor_report where
Tanggal like '" + ComboBox1.Text + angka_bulan + "%' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount

            For i = 0 To total_row - 1
                pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value)

                dimsales_food += pembelian_gudang_perpurchase
                progressbar_value += 1
                ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100
            Next

            'sales_beverage
            Dim dimsales_beverage = 0
            query = "select Total_Beverage from sales_raptor_report where
Tanggal like '" + ComboBox1.Text + angka_bulan + "%' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount

            For i = 0 To total_row - 1
                pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
i).Value)

                dimsales_beverage += pembelian_gudang_perpurchase
                progressbar_value += 1
                ProgressBar1.Value = ((progressbar_value /
total_progressbar) / banyaknya_cost_diproses) * 100
            Next

            'sales_foc
            Dim dimfoc_dan_disc_food = 0
            query = "select Total_FOC from sales_raptor_report where
Tanggal like '" + ComboBox1.Text + angka_bulan + "%' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount

            For i = 0 To total_row - 1
```

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```vb
                            pembelian_gudang_perpurchase = Val(DataGridView1.Item(0,
            i).Value)

                            dimfoc_dan_disc_food += pembelian_gudang_perpurchase
                            progressbar_value += 1
                            ProgressBar1.Value = ((progressbar_value /
            total_progressbar) / banyaknya_cost_diproses) * 100
                        Next

                        'Hasil Seluruh foc & disc food bulan ini
            =dimfoc_dan_disc_food
                        'Hasil Seluruh sales beverage bulan ini =dimsales_beverage
                        'Hasil Seluruh sales food bulan ini =dimsales_food

                        Dim dimtotal_sales_beverage = (dimsales_beverage)
                        'Hasil Seluruh total sales beverage bulan ini
            =dimtotal_sales_beverage
                        Dim dimtotal_sales_food = (dimsales_food -
            dimfoc_dan_disc_food)
                        'Hasil Seluruh total sales food bulan ini
            =dimtotal_sales_food
                        Dim dimgrand_total_sales = dimtotal_sales_beverage +
            dimtotal_sales_food
                        'Hasil Seluruh grand total sales bulan ini
            =dimgrand_total_sales

                        Dim dimtotal_food_costing = (dimgrand_total_food /
            dimtotal_sales_food) * 100
                        'Hasil food costing bulan ini =dimtotal_food_costing
                        If dimtotal_sales_food = 0 Then
                            dimtotal_food_costing = 0
                        End If

                        Dim dimtotal_beverage_costing = (dimgrand_total_beverage /
            dimtotal_sales_beverage) * 100
                        'Hasil beverage costing bulan ini = dimtotal_beverage_costing
                        If dimtotal_sales_beverage = 0 Then
                            dimtotal_beverage_costing = 0
                        End If

                        Dim dimtotal_overall_costing = (dimtotal_grand_purchase /
            dimgrand_total_sales) * 100
                        'Hasil overall costing bulan ini = dimtotal_overall_costing
                        If dimgrand_total_sales = 0 Then
                            dimtotal_overall_costing = 0
                        End If

                        koneksi.Close()
                        DataGridView1.AutoSizeColumnsMode =
            DataGridViewAutoSizeColumnsMode.AllCells

                        If dimtotal_food_costing <> 0 Or dimtotal_beverage_costing <>
            0 Or dimtotal_overall_costing <> 0 Then
                            If series = 0 Then
                                Dim food_costing = dimtotal_food_costing
                                Chart1.Series(0).Points.Add()
                                Chart1.Series(0).Points(Chart1.Series(0).Points.Count
            - 1).Color = Color.Blue
                                Chart1.Series(0).Points(Chart1.Series(0).Points.Count
            - 1).SetValueXY(totalpoint_series, food_costing)
                                Chart1.Series(0).Points(Chart1.Series(0).Points.Count
            - 1).Label = "#VAL{N2}%" + nama_bulan + ComboBox1.Text
```

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                                    Chart1.Series(0).Points(Chart1.Series(0).Points.Count
- 1).LabelBackColor = Color.CornflowerBlue
                        End If

                        If series = 1 Then
                            Dim beverage_costing = dimtotal_beverage_costing
                            Chart1.Series(1).Points.Add()
                            Chart1.Series(1).Points(Chart1.Series(1).Points.Count
- 1).Color = Color.Green
                            Chart1.Series(1).Points(Chart1.Series(1).Points.Count
- 1).SetValueXY(totalpoint_series, beverage_costing)
                            Chart1.Series(1).Points(Chart1.Series(1).Points.Count
- 1).Label = "#VAL{N2}%" + nama_bulan + ComboBox1.Text
                            Chart1.Series(1).Points(Chart1.Series(1).Points.Count
- 1).LabelBackColor = Color.GreenYellow
                        End If

                        If series = 2 Then
                            Dim overall_costing = dimtotal_overall_costing
                            Chart1.Series(2).Points.Add()
                            Chart1.Series(2).Points(Chart1.Series(2).Points.Count
- 1).Color = Color.Red
                            Chart1.Series(2).Points(Chart1.Series(2).Points.Count
- 1).SetValueXY(totalpoint_series, overall_costing)
                            Chart1.Series(2).Points(Chart1.Series(2).Points.Count
- 1).Label = "#VAL{N2}%" + nama_bulan + ComboBox1.Text
                            Chart1.Series(2).Points(Chart1.Series(2).Points.Count
- 1).LabelBackColor = Color.Red
                        End If
                    End If
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try
        End Sub

        Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
            home.Visible = True
            Me.Close()
        End Sub

        Private Sub Form_Analysis_Food_Cost_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
            home.Visible = False
            Label3.Text = home.Label3.Text
        End Sub

        Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
            Dim tahun_bulan_skrg = home.today("database").ToString.Remove(6,
2)

            ProgressBar1.Value = 0
            Dim totalpoint_series0 As Integer = Chart1.Series(0).Points.Count
            Dim totalpoint_series1 As Integer = Chart1.Series(1).Points.Count
            Dim totalpoint_series2 As Integer = Chart1.Series(2).Points.Count

            If ComboBox1.Text <> "" Then
                'hitung banyaknya cost yang mau diproses
                If CheckBox13.Checked = True Then
```

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```vb
        If CheckBox1.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox2.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox3.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox4.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox5.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox6.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox7.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox8.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox9.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox10.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox11.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox12.Checked = True Then
            banyaknya_cost_diproses += 1
        End If
    End If

    If CheckBox14.Checked = True Then
        If CheckBox1.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox2.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox3.Checked = True Then
            banyaknya_cost_diproses += 1
        End If
```

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```vb
        If CheckBox4.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox5.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox6.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox7.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox8.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox9.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox10.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox11.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox12.Checked = True Then
            banyaknya_cost_diproses += 1
        End If
    End If

    If CheckBox15.Checked = True Then
        If CheckBox1.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox2.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox3.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox4.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox5.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox6.Checked = True Then
            banyaknya_cost_diproses += 1
```

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```vb
        End If

        If CheckBox7.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox8.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox9.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox10.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox11.Checked = True Then
            banyaknya_cost_diproses += 1
        End If

        If CheckBox12.Checked = True Then
            banyaknya_cost_diproses += 1
        End If
End If

Dim tahun_bulan_proses = 0
If CheckBox13.Checked = True Then
    If CheckBox1.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "01")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "Januari",

        End If
    End If

    If CheckBox2.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "02")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "Februari",

        End If
    End If

    If CheckBox3.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "03")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "Maret", "03")
        End If
    End If

    If CheckBox4.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "04")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "April", "04")
        End If
```

```
        End If

    If CheckBox5.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "05")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "Mei", "05")
        End If
    End If

    If CheckBox6.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "06")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "Juni", "06")
        End If
    End If

    If CheckBox7.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "07")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "Juli", "07")
        End If
    End If

    If CheckBox8.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "08")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "Agustus",
"08")
        End If
    End If

    If CheckBox9.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "09")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "September",
"09")
        End If
    End If

    If CheckBox10.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "10")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "Oktober",
"10")
        End If
    End If

    If CheckBox11.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "11")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series0 += 1
            CreateChart(0, totalpoint_series0, "November",
"11")
        End If
    End If
```

```
        If CheckBox12.Checked = True Then
            tahun_bulan_proses = Val(ComboBox1.Text + "12")
            If tahun_bulan_proses < tahun_bulan_skrg Then
                totalpoint_series0 += 1
                CreateChart(0, totalpoint_series0, "Desember",

            End If
        End If

    End If
    If CheckBox14.Checked = True Then
        If CheckBox1.Checked = True Then
            tahun_bulan_proses = Val(ComboBox1.Text + "01")
            If tahun_bulan_proses < tahun_bulan_skrg Then
                totalpoint_series1 += 1
                CreateChart(1, totalpoint_series1, "Januari",

            End If
        End If

        If CheckBox2.Checked = True Then
            tahun_bulan_proses = Val(ComboBox1.Text + "02")
            If tahun_bulan_proses < tahun_bulan_skrg Then
                totalpoint_series1 += 1
                CreateChart(1, totalpoint_series1, "Februari",

            End If
        End If

        If CheckBox3.Checked = True Then
            tahun_bulan_proses = Val(ComboBox1.Text + "03")
            If tahun_bulan_proses < tahun_bulan_skrg Then
                totalpoint_series1 += 1
                CreateChart(1, totalpoint_series1, "Maret", "03")
            End If
        End If

        If CheckBox4.Checked = True Then
            tahun_bulan_proses = Val(ComboBox1.Text + "04")
            If tahun_bulan_proses < tahun_bulan_skrg Then
                totalpoint_series1 += 1
                CreateChart(1, totalpoint_series1, "April", "04")
            End If
        End If

        If CheckBox5.Checked = True Then
            tahun_bulan_proses = Val(ComboBox1.Text + "05")
            If tahun_bulan_proses < tahun_bulan_skrg Then
                totalpoint_series1 += 1
                CreateChart(1, totalpoint_series1, "Mei", "05")
            End If
        End If

        If CheckBox6.Checked = True Then
            tahun_bulan_proses = Val(ComboBox1.Text + "06")
            If tahun_bulan_proses < tahun_bulan_skrg Then
                totalpoint_series1 += 1
                CreateChart(1, totalpoint_series1, "Juni", "06")
            End If
        End If
```

```
            If CheckBox7.Checked = True Then
                tahun_bulan_proses = Val(ComboBox1.Text + "07")
                If tahun_bulan_proses < tahun_bulan_skrg Then
                    totalpoint_series1 += 1
                    CreateChart(1, totalpoint_series1, "Juli", "07")
                End If
            End If

            If CheckBox8.Checked = True Then
                tahun_bulan_proses = Val(ComboBox1.Text + "08")
                If tahun_bulan_proses < tahun_bulan_skrg Then
                    totalpoint_series1 += 1
                    CreateChart(1, totalpoint_series1, "Agustus",
"08")
                End If
            End If

            If CheckBox9.Checked = True Then
                tahun_bulan_proses = Val(ComboBox1.Text + "09")
                If tahun_bulan_proses < tahun_bulan_skrg Then
                    totalpoint_series1 += 1
                    CreateChart(1, totalpoint_series1, "September",
"09")
                End If
            End If

            If CheckBox10.Checked = True Then
                tahun_bulan_proses = Val(ComboBox1.Text + "10")
                If tahun_bulan_proses < tahun_bulan_skrg Then
                    totalpoint_series1 += 1
                    CreateChart(1, totalpoint_series1, "Oktober",
"10")
                End If
            End If

            If CheckBox11.Checked = True Then
                tahun_bulan_proses = Val(ComboBox1.Text + "11")
                If tahun_bulan_proses < tahun_bulan_skrg Then
                    totalpoint_series1 += 1
                    CreateChart(1, totalpoint_series1, "November",
"11")
                End If
            End If

            If CheckBox12.Checked = True Then
                tahun_bulan_proses = Val(ComboBox1.Text + "12")
                If tahun_bulan_proses < tahun_bulan_skrg Then
                    totalpoint_series1 += 1
                    CreateChart(1, totalpoint_series1, "Desember",
"12")
                End If
            End If
        End If

        If CheckBox15.Checked = True Then
            If CheckBox1.Checked = True Then
                tahun_bulan_proses = Val(ComboBox1.Text + "01")
                If tahun_bulan_proses < tahun_bulan_skrg Then
                    totalpoint_series2 += 1
```

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                                            CreateChart(2, totalpoint_series2, "Januari",
"01")
            End If
    End If

    If CheckBox2.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "02")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series2 += 1
            CreateChart(2, totalpoint_series2, "Februari",
"02")
        End If
    End If

    If CheckBox3.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "03")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series2 += 1
            CreateChart(2, totalpoint_series2, "Maret", "03")
        End If
    End If

    If CheckBox4.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "04")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series2 += 1
            CreateChart(2, totalpoint_series2, "April", "04")
        End If
    End If

    If CheckBox5.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "05")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series2 += 1
            CreateChart(2, totalpoint_series2, "Mei", "05")
        End If
    End If

    If CheckBox6.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "06")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series2 += 1
            CreateChart(2, totalpoint_series2, "Juni", "06")
        End If
    End If

    If CheckBox7.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "07")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series2 += 1
            CreateChart(2, totalpoint_series2, "Juli", "07")
        End If
    End If

    If CheckBox8.Checked = True Then
        tahun_bulan_proses = Val(ComboBox1.Text + "08")
        If tahun_bulan_proses < tahun_bulan_skrg Then
            totalpoint_series2 += 1
            CreateChart(2, totalpoint_series2, "Agustus",
"08")
        End If
```

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                End If

                If CheckBox9.Checked = True Then
                    tahun_bulan_proses = Val(ComboBox1.Text + "09")
                    If tahun_bulan_proses < tahun_bulan_skrg Then
                        totalpoint_series2 += 1
                        CreateChart(2, totalpoint_series2, "September",

                    End If
                End If

                If CheckBox10.Checked = True Then
                    tahun_bulan_proses = Val(ComboBox1.Text + "10")
                    If tahun_bulan_proses < tahun_bulan_skrg Then
                        totalpoint_series2 += 1
                        CreateChart(2, totalpoint_series2, "Oktober",

                    End If
                End If

                If CheckBox11.Checked = True Then
                    tahun_bulan_proses = Val(ComboBox1.Text + "11")
                    If tahun_bulan_proses < tahun_bulan_skrg Then
                        totalpoint_series2 += 1
                        CreateChart(2, totalpoint_series2, "November",

                    End If
                End If

                If CheckBox12.Checked = True Then
                    tahun_bulan_proses = Val(ComboBox1.Text + "12")
                    If tahun_bulan_proses < tahun_bulan_skrg Then
                        totalpoint_series2 += 1
                        CreateChart(2, totalpoint_series2, "Desember",

                    End If
                End If
            End If
            Panel4.Enabled = False
            Panel5.Enabled = False
            Button1.Enabled = False
            ProgressBar1.Value = 0
        End If

        If totalpoint_series0 = 0 And totalpoint_series1 = 0 And
totalpoint_series2 = 0 Then
            Panel4.Enabled = True
            Panel5.Enabled = True
            Button1.Enabled = True
        End If
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Panel4.Enabled = True
        Panel5.Enabled = True
        Button1.Enabled = True
        Chart1.Series(0).Points.Clear()
        Chart1.Series(1).Points.Clear()
        Chart1.Series(2).Points.Clear()
        CheckBox1.Checked = False
```

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```vbnet
            CheckBox2.Checked = False
            CheckBox3.Checked = False
            CheckBox4.Checked = False
            CheckBox5.Checked = False
            CheckBox6.Checked = False
            CheckBox7.Checked = False
            CheckBox8.Checked = False
            CheckBox9.Checked = False
            CheckBox10.Checked = False
            CheckBox11.Checked = False
            CheckBox12.Checked = False
            CheckBox16.Checked = False
    End Sub

    Private Sub CheckBox16_CheckedChanged(ByVal sender As System.Object,
    ByVal e As System.EventArgs) Handles CheckBox16.CheckedChanged
        If CheckBox16.Checked = True Then
            CheckBox13.Checked = True
            CheckBox14.Checked = True
            CheckBox15.Checked = True
        Else
            CheckBox13.Checked = False
            CheckBox14.Checked = False
            CheckBox15.Checked = False
        End If
    End Sub

    Private Sub panel_print_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles panel_print.Click
        PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Top = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Bottom = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Left = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Right = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Landscape = True
        PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
        PrintForm1.Print(Me,
    PowerPacks.Printing.PrintForm.PrintOption.CompatibleModeClientAreaOnly)
    End Sub
End Class
```

Form Analysis Inventory

```vbnet
Imports System.Data.OleDb
 Public Class Form_Analysis_Inventory
    Public koneksi As OleDbConnection

    Dim total_inv_bar As Integer = 0
    Dim total_inv_kitchen As Integer = 0
    Dim total_inv_material As Integer = 0
    Dim total_inv_gudang As Integer = 0
    Dim total As Integer = 0
    Dim total_progress As Integer = 0
    Dim progress_skrg As Integer = 0
    Dim progress As Integer = 0

    Function fill_dgv(ByVal query As String)
        Dim da = New OleDbDataAdapter(query, koneksi)
        Dim dt As New DataTable
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        da.Fill(dt)
        DataGridView1.DataSource = dt
        Dim i = 0
        Dim total = 0

        For i = 0 To DataGridView1.RowCount - 1
            progress_skrg += 1
            Dim coloum1 = DataGridView1.Item(0, i).Value
            Dim coloum2 = DataGridView1.Item(1, i).Value
            total += coloum1 * coloum2
            ProgressBar1.Value = ((progress_skrg / progress) /
(total_progress)) * 100
        Next

        Return total
    End Function

    Function hitung_count(ByVal query As String)
        Dim count = 0
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand(query, koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()
            While dataReader.Read
                count = dataReader(0)
            End While
            koneksi.Close()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
        Return count
    End Function

    Sub dgvload(ByVal nama_bulan As String)
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim query = ""
            query = "select count(*) from ms_detail_inventory where
no_header_inventory ='inv_" + ComboBox1.Text + "_" + nama_bulan + "'"
            progress += (hitung_count(query) * 4)

            query = "select harga_average,qty from ms_detail_inventory
where no_header_inventory ='inv_" + ComboBox1.Text + "_" + nama_bulan +
"' and jenis_barang ='BAR'"
            Dim total_BAR = fill_dgv(query)

            query = "select harga_average,qty from ms_detail_inventory
where no_header_inventory ='inv_" + ComboBox1.Text + "_" + nama_bulan +
"' and jenis_barang ='DRY GOODS'"
            Dim total_DRY_GOODS = fill_dgv(query)

            query = "select harga_average,qty from ms_detail_inventory
where no_header_inventory ='inv_" + ComboBox1.Text + "_" + nama_bulan +
"' and jenis_barang ='MATERIAL'"
            Dim total_MATERIAL = fill_dgv(query)
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            query = "select harga_average,qty from ms_detail_inventory
where no_header_inventory ='inv_" + ComboBox1.Text + "_" + nama_bulan +
"' and jenis_barang ='POULTRY'"
            Dim total_POULTRY = fill_dgv(query)

            query = "select harga_average,qty from ms_detail_inventory
where no_header_inventory ='inv_" + ComboBox1.Text + "_" + nama_bulan +
"' and jenis_barang ='VEGETABLES'"
            Dim total_VEGETABLES = fill_dgv(query)

            total_inv_bar = total_BAR
            total_inv_kitchen = total_VEGETABLES + total_POULTRY
            total_inv_material = total_MATERIAL
            total_inv_gudang = total_DRY_GOODS
            total = total_inv_bar + total_inv_gudang + total_inv_kitchen
+ total_inv_material

            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Sub CreateChart(ByVal series As Integer, ByVal totalpoint_series As
Integer, ByVal bulan As String, ByVal tahun As String)
        If series = 0 Then
            Chart1.Series(0).Points.Add()
            Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).Color = Color.Blue
            Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).SetValueXY(totalpoint_series, total)
            Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).Label = home.conversi_rupiah(total) '"#VAL{C}"
            Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).LabelToolTip = bulan.ToString + " " + tahun.ToString
            Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).LabelBackColor = Color.Yellow

            Chart2.Series(0).Points(0).SetValueXY(0, total_inv_bar)
            Chart2.Series(0).Points(1).SetValueXY(0, total_inv_kitchen)
            Chart2.Series(0).Points(2).SetValueXY(0, total_inv_material)
            Chart2.Series(0).Points(3).SetValueXY(0, total_inv_gudang)
            Chart2.ResetAutoValues()

            DataGridView2.Columns.Add(bulan, bulan)
            Dim total_coloum = DataGridView2.Columns.Count
            If DataGridView2.RowCount = 0 Then
                DataGridView2.Rows.Add(4)
            End If
            DataGridView2.Item(total_coloum - 1, 0).Value = total_inv_bar
            DataGridView2.Item(total_coloum - 1, 1).Value =
total_inv_kitchen
            DataGridView2.Item(total_coloum - 1, 2).Value =
total_inv_material
            DataGridView2.Item(total_coloum - 1, 3).Value =
total_inv_gudang

            ComboBox2.Items.Add(bulan)
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            ComboBox2.Text = bulan
        End If
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object, _
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Visible = True
        Me.Close()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As _
System.EventArgs) Handles Button1.Click
        If ComboBox1.Text <> "" Then
            ProgressBar1.Value = 0
            If CheckBox1.Checked = True Then
                total_progress += 1
            End If

            If CheckBox2.Checked = True Then
                total_progress += 1
            End If

            If CheckBox3.Checked = True Then
                total_progress += 1
            End If

            If CheckBox4.Checked = True Then
                total_progress += 1
            End If

            If CheckBox5.Checked = True Then
                total_progress += 1
            End If

            If CheckBox6.Checked = True Then
                total_progress += 1
            End If

            If CheckBox7.Checked = True Then
                total_progress += 1
            End If

            If CheckBox8.Checked = True Then
                total_progress += 1
            End If

            If CheckBox9.Checked = True Then
                total_progress += 1
            End If

            If CheckBox10.Checked = True Then
                total_progress += 1
            End If

            If CheckBox11.Checked = True Then
                total_progress += 1
            End If

            If CheckBox12.Checked = True Then
                total_progress += 1
            End If
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            Dim totalpoint_series0 As Integer =
Chart1.Series(0).Points.Count

            If CheckBox1.Checked = True Then
                totalpoint_series0 += 1
                dgvload("Januari")
                CreateChart(0, totalpoint_series0, "Januari",
ComboBox1.Text)
            End If

            If CheckBox2.Checked = True Then
                totalpoint_series0 += 1
                dgvload("Februari")
                CreateChart(0, totalpoint_series0, "Februari",
ComboBox1.Text)
            End If

            If CheckBox3.Checked = True Then
                totalpoint_series0 += 1
                dgvload("Maret")
                CreateChart(0, totalpoint_series0, "Maret",
ComboBox1.Text)
            End If

            If CheckBox4.Checked = True Then
                totalpoint_series0 += 1
                dgvload("April")
                CreateChart(0, totalpoint_series0, "April",
ComboBox1.Text)
            End If

            If CheckBox5.Checked = True Then
                totalpoint_series0 += 1
                dgvload("Mei")
                CreateChart(0, totalpoint_series0, "Mei", ComboBox1.Text)
            End If

            If CheckBox6.Checked = True Then
                totalpoint_series0 += 1
                dgvload("Juni")
                CreateChart(0, totalpoint_series0, "Juni",
ComboBox1.Text)
            End If

            If CheckBox7.Checked = True Then
                totalpoint_series0 += 1
                dgvload("Juli")
                CreateChart(0, totalpoint_series0, "Juli",
ComboBox1.Text)
            End If

            If CheckBox8.Checked = True Then
                totalpoint_series0 += 1
                dgvload("Agustus")
                CreateChart(0, totalpoint_series0, "Agustus",
ComboBox1.Text)
            End If

            If CheckBox9.Checked = True Then
                totalpoint_series0 += 1
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                dgvload("September")
                CreateChart(0, totalpoint_series0, "September",
ComboBox1.Text)
            End If

            If CheckBox10.Checked = True Then
                totalpoint_series0 += 1
                dgvload("Oktober")
                CreateChart(0, totalpoint_series0, "Oktober",
ComboBox1.Text)
            End If

            If CheckBox11.Checked = True Then
                totalpoint_series0 += 1
                dgvload("November")
                CreateChart(0, totalpoint_series0, "November",
ComboBox1.Text)
            End If

            If CheckBox12.Checked = True Then
                totalpoint_series0 += 1
                dgvload("Desember")
                CreateChart(0, totalpoint_series0, "Desember",
ComboBox1.Text)

            End If
            ProgressBar1.Value = 100
            Panel4.Enabled = False
            Button1.Enabled = False
        End If
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Chart1.Series(0).Points.Clear()
        Chart2.Series(0).Points(0).SetValueXY(0, 0)
        Chart2.Series(0).Points(1).SetValueXY(0, 0)
        Chart2.Series(0).Points(2).SetValueXY(0, 0)
        Chart2.Series(0).Points(3).SetValueXY(0, 0)
        Chart2.ResetAutoValues()

        ComboBox2.Items.Clear()
        ComboBox2.Text = ""
        Panel4.Enabled = True
        Button1.Enabled = True

        DataGridView2.Rows.Clear()
        DataGridView2.Columns.Clear()
    End Sub

    Private Sub ComboBox2_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox2.SelectedIndexChanged
        Dim bulan = ComboBox2.SelectedIndex
        If DataGridView2.RowCount > 0 Then
            Dim ttl_inv_bar = DataGridView2.Item(bulan, 0).Value
            Dim ttl_inv_kitchen = DataGridView2.Item(bulan, 1).Value
            Dim ttl_inv_material = DataGridView2.Item(bulan, 2).Value
            Dim ttl_inv_gudang = DataGridView2.Item(bulan, 3).Value
            Chart2.Series(0).Points(0).SetValueXY(0, ttl_inv_bar)
            Chart2.Series(0).Points(1).SetValueXY(0, ttl_inv_kitchen)
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            Chart2.Series(0).Points(2).SetValueXY(0, ttl_inv_material)
            Chart2.Series(0).Points(3).SetValueXY(0, ttl_inv_gudang)
            Chart2.ResetAutoValues()
        End If
    End Sub

    Private Sub Form_Analysis_Inventory_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        home.Visible = False
        Label3.Text = home.Label3.Text
    End Sub

    Private Sub panel_print_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles panel_print.Click
        PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Top = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Bottom = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Left = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Right = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Landscape = True
        PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
        PrintForm1.Print(Me,
PowerPacks.Printing.PrintForm.PrintOption.CompatibleModeClientAreaOnly)
    End Sub
End Class
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Form Analysis Purchase

```vbnet
Imports System.Data.OleDb
Public Class Form_Analysis_Purchase
    Public koneksi As OleDbConnection

    Dim total_purchase_bar As Integer = 0
    Dim total_purchase_kitchen As Integer = 0
    Dim total_purchase_material As Integer = 0
    Dim total_purchase_gudang As Integer = 0
    Dim total_purchase_ham As Integer = 0
    Dim total_purchase_karyawan As Integer = 0
    Dim total As Integer = 0
    Dim total_progress As Integer = 0
    Dim progress_skrg As Integer = 0
    Dim progress As Integer = 0

    Function fill_dgv(ByVal query As String)
        Dim da = New OleDbDataAdapter(query, koneksi)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt

        Dim i = 0
        Dim total = 0

        For i = 0 To DataGridView1.RowCount - 1
            progress_skrg += 1
            Dim coloum1 = DataGridView1.Item(0, i).Value
            Dim coloum2 = DataGridView1.Item(1, i).Value
            total += coloum1 * coloum2
            ProgressBar1.Value = ((progress_skrg / progress) /
(total_progress)) * 100
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            Next
            Return total
        End Function

        Function hitung_count(ByVal query As String)
            Dim count = 0
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim command As New OleDbCommand(query, koneksi)
                Dim dataReader As OleDbDataReader = command.ExecuteReader()
                While dataReader.Read
                    count = dataReader(0)
                End While
                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
        MsgBoxStyle.Critical)
            End Try
            Return count
        End Function

        Sub dgvload(ByVal angka_bulan As String)
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim query = ""
                query = "select count(*) from ms_purchase_detail where
        no_purchase_header like '" + ComboBox1.Text + angka_bulan + "%'"
                progress += (hitung_count(query) * 6)

                query = "select harga_satuan,qty from ms_purchase_detail
        where no_purchase_header like '" + ComboBox1.Text + angka_bulan + "%'
        and department ='Bar'"
                Dim total_Bar = fill_dgv(query)

                query = "select harga_satuan,qty from ms_purchase_detail
        where no_purchase_header like '" + ComboBox1.Text + angka_bulan + "%'
        and department ='Gudang'"
                Dim total_Gudang = fill_dgv(query)

                query = "select harga_satuan,qty from ms_purchase_detail
        where no_purchase_header like '" + ComboBox1.Text + angka_bulan + "%'
        and department ='Ham'"
                Dim total_Ham = fill_dgv(query)

                query = "select harga_satuan,qty from ms_purchase_detail
        where no_purchase_header like '" + ComboBox1.Text + angka_bulan + "%'
        and department ='Karyawan'"
                Dim total_Karyawan = fill_dgv(query)

                query = "select harga_satuan,qty from ms_purchase_detail
        where no_purchase_header like '" + ComboBox1.Text + angka_bulan + "%'
        and department ='Kitchen'"
                Dim total_Kitchen = fill_dgv(query)

                query = "select harga_satuan,qty from ms_purchase_detail
        where no_purchase_header like '" + ComboBox1.Text + angka_bulan + "%'
        and department ='Material'"
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                Dim total_Material = fill_dgv(query)

                total_purchase_bar = total_Bar
                total_purchase_gudang = total_Gudang
                total_purchase_ham = total_Ham
                total_purchase_karyawan = total_Karyawan
                total_purchase_kitchen = total_Kitchen
                total_purchase_material = total_Material

                total = total_purchase_bar + total_purchase_gudang +
total_purchase_ham + total_purchase_karyawan + total_Kitchen +
total_purchase_material

                koneksi.Close()
                DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try
        End Sub

        Sub CreateChart(ByVal series As Integer, ByVal totalpoint_series As
Integer, ByVal bulan As String, ByVal tahun As String)
            If series = 0 Then
                Chart1.Series(0).Points.Add()
                Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).Color = Color.Blue
                Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).SetValueXY(totalpoint_series, total)
                Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).Label = home.conversi_rupiah(total) '"#VAL{C}"
                Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).LabelToolTip = bulan.ToString + " " + tahun.ToString
                Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).LabelBackColor = Color.Yellow

                Chart2.Series(0).Points(0).SetValueXY(0, total_purchase_bar)
                Chart2.Series(0).Points(1).SetValueXY(0,
total_purchase_kitchen)
                Chart2.Series(0).Points(2).SetValueXY(0,
total_purchase_material)
                Chart2.Series(0).Points(3).SetValueXY(0,
total_purchase_gudang)
                Chart2.Series(0).Points(4).SetValueXY(0, total_purchase_ham)
                Chart2.Series(0).Points(5).SetValueXY(0,
total_purchase_karyawan)
                Chart2.ResetAutoValues()

                DataGridView2.Columns.Add(bulan, bulan)
                Dim total_coloum = DataGridView2.Columns.Count

                If DataGridView2.RowCount = 0 Then
                    DataGridView2.Rows.Add(6)
                End If

                DataGridView2.Item(total_coloum - 1, 0).Value =
total_purchase_bar
                DataGridView2.Item(total_coloum - 1, 1).Value =
total_purchase_kitchen
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                DataGridView2.Item(total_coloum - 1, 2).Value =
        total_purchase_material
                DataGridView2.Item(total_coloum - 1, 3).Value =
        total_purchase_gudang
                DataGridView2.Item(total_coloum - 1, 4).Value =
        total_purchase_ham
                DataGridView2.Item(total_coloum - 1, 5).Value =
        total_purchase_karyawan

                ComboBox2.Items.Add(bulan)
                ComboBox2.Text = bulan

            End If
        End Sub

        Private Sub login_logoff_button_Click(ByVal sender As System.Object,
        ByVal e As System.EventArgs) Handles login_logoff_button.Click
            home.Visible = True
            Me.Close()
        End Sub

        Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
        System.EventArgs) Handles Button1.Click
            If ComboBox1.Text <> "" Then
                ProgressBar1.Value = 0
                If CheckBox1.Checked = True Then
                    total_progress += 1
                End If

                If CheckBox2.Checked = True Then
                    total_progress += 1
                End If

                If CheckBox3.Checked = True Then
                    total_progress += 1
                End If

                If CheckBox4.Checked = True Then
                    total_progress += 1
                End If

                If CheckBox5.Checked = True Then
                    total_progress += 1
                End If

                If CheckBox6.Checked = True Then
                    total_progress += 1
                End If

                If CheckBox7.Checked = True Then
                    total_progress += 1
                End If

                If CheckBox8.Checked = True Then
                    total_progress += 1
                End If

                If CheckBox9.Checked = True Then
                    total_progress += 1
                End If
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        If CheckBox10.Checked = True Then
            total_progress += 1
        End If

        If CheckBox11.Checked = True Then
            total_progress += 1
        End If

        If CheckBox12.Checked = True Then
            total_progress += 1
        End If

        Dim totalpoint_series0 As Integer =
Chart1.Series(0).Points.Count

        If CheckBox1.Checked = True Then
            totalpoint_series0 += 1
            dgvload("01")
            CreateChart(0, totalpoint_series0, "Januari",
ComboBox1.Text)
        End If

        If CheckBox2.Checked = True Then
            totalpoint_series0 += 1
            dgvload("02")
            CreateChart(0, totalpoint_series0, "Februari",
ComboBox1.Text)
        End If

        If CheckBox3.Checked = True Then
            totalpoint_series0 += 1
            dgvload("03")
            CreateChart(0, totalpoint_series0, "Maret",
ComboBox1.Text)
        End If

        If CheckBox4.Checked = True Then
            totalpoint_series0 += 1
            dgvload("04")
            CreateChart(0, totalpoint_series0, "April",
ComboBox1.Text)
        End If

        If CheckBox5.Checked = True Then
            totalpoint_series0 += 1
            dgvload("05")
            CreateChart(0, totalpoint_series0, "Mei", ComboBox1.Text)
        End If

        If CheckBox6.Checked = True Then
            totalpoint_series0 += 1
            dgvload("06")
            CreateChart(0, totalpoint_series0, "Juni",
ComboBox1.Text)
        End If

        If CheckBox7.Checked = True Then
            totalpoint_series0 += 1
            dgvload("07")
            CreateChart(0, totalpoint_series0, "Juli",
ComboBox1.Text)
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            End If

            If CheckBox8.Checked = True Then
                totalpoint_series0 += 1
                dgvload("08")
                CreateChart(0, totalpoint_series0, "Agustus",
ComboBox1.Text)
            End If

            If CheckBox9.Checked = True Then
                totalpoint_series0 += 1
                dgvload("09")
                CreateChart(0, totalpoint_series0, "September",
ComboBox1.Text)
            End If

            If CheckBox10.Checked = True Then
                totalpoint_series0 += 1
                dgvload("10")
                CreateChart(0, totalpoint_series0, "Oktober",
ComboBox1.Text)
            End If

            If CheckBox11.Checked = True Then
                totalpoint_series0 += 1
                dgvload("11")
                CreateChart(0, totalpoint_series0, "November",
ComboBox1.Text)
            End If

            If CheckBox12.Checked = True Then
                totalpoint_series0 += 1
                dgvload("12")
                CreateChart(0, totalpoint_series0, "Desember",
ComboBox1.Text)
            End If

            ProgressBar1.Value = 100
            Panel4.Enabled = False
            Button1.Enabled = False
        End If
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Chart1.Series(0).Points.Clear()
        Chart2.Series(0).Points(0).SetValueXY(0, 0)
        Chart2.Series(0).Points(1).SetValueXY(0, 0)
        Chart2.Series(0).Points(2).SetValueXY(0, 0)
        Chart2.Series(0).Points(3).SetValueXY(0, 0)
        Chart2.Series(0).Points(4).SetValueXY(0, 0)
        Chart2.Series(0).Points(5).SetValueXY(0, 0)
        Chart2.ResetAutoValues()

        ComboBox2.Items.Clear()
        ComboBox2.Text = ""
        Panel4.Enabled = True
        Button1.Enabled = True

        DataGridView2.Rows.Clear()
        DataGridView2.Columns.Clear()
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        End Sub

        Private Sub ComboBox2_SelectedIndexChanged(ByVal sender As
    System.Object, ByVal e As System.EventArgs) Handles
    ComboBox2.SelectedIndexChanged
            Dim bulan = ComboBox2.SelectedIndex
            If DataGridView2.RowCount > 0 Then
                Dim ttl_purchase_bar = DataGridView2.Item(bulan, 0).Value
                Dim ttl_purchase_kitchen = DataGridView2.Item(bulan, 1).Value
                Dim ttl_purchase_material = DataGridView2.Item(bulan,
    2).Value
                Dim ttl_purchase_gudang = DataGridView2.Item(bulan, 3).Value
                Dim ttl_purchase_ham = DataGridView2.Item(bulan, 4).Value
                Dim ttl_purchase_karyawan = DataGridView2.Item(bulan,
    5).Value
                Chart2.Series(0).Points(0).SetValueXY(0, ttl_purchase_bar)
                Chart2.Series(0).Points(1).SetValueXY(0,
    ttl_purchase_kitchen)
                Chart2.Series(0).Points(2).SetValueXY(0,
    ttl_purchase_material)
                Chart2.Series(0).Points(3).SetValueXY(0, ttl_purchase_gudang)
                Chart2.Series(0).Points(4).SetValueXY(0, ttl_purchase_ham)
                Chart2.Series(0).Points(5).SetValueXY(0,
    ttl_purchase_karyawan)
                Chart2.ResetAutoValues()
            End If
        End Sub

        Private Sub Form_Analysis_Inventory_Load(ByVal sender As
    System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
            home.Visible = False
            Label3.Text = home.Label3.Text
        End Sub

        Private Sub panel_print_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles panel_print.Click
            PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
            PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Top = 0
            PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Bottom = 0
            PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Left = 0
            PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Right = 0
            PrintForm1.PrinterSettings.DefaultPageSettings.Landscape = True
            PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
            PrintForm1.Print(Me,
    PowerPacks.Printing.PrintForm.PrintOption.CompatibleModeClientAreaOnly)
        End Sub
    End Class
```

Form Analysis Sales

```vb
Imports System.Data.OleDb
Public Class Form_Analysis_Sales
    Public koneksi As OleDbConnection

    Dim total_sales_foc As Long = 0
    Dim total_sales_voucher As Long = 0
    Dim total_sales_card As Long = 0
    Dim total_sales_cash As Long = 0
    Dim total_sales_beverage As Long = 0
    Dim total_sales_food As Long = 0
```

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```vbnet
        Dim total As Long = 0
        Dim total_progress As Integer = 0
        Dim progress_skrg As Integer = 0
        Dim progress As Integer = 0

    Function fill_dgv(ByVal query As String)
        Dim da = New OleDbDataAdapter(query, koneksi)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt

        Dim i = 0
        Dim total = 0

        For i = 0 To DataGridView1.RowCount - 1
            progress_skrg += 1
            Dim coloum1 = DataGridView1.Item(0, i).Value
            total += coloum1
            ProgressBar1.Value = ((progress_skrg / progress) /
(total_progress)) * 100
        Next
        Return total
    End Function

    Function hitung_count(ByVal query As String)
        Dim count = 0
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand(query, koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()
            While dataReader.Read
                count = dataReader(0)
            End While
            koneksi.Close()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
        count = 1
        Return count
    End Function

    Sub dgvload(ByVal angka_bulan As String)
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim query = ""
            query = "select count(*) from sales_monthly where tahun_bulan
like '" + ComboBox1.Text + angka_bulan + "%'"
            progress += (hitung_count(query) * 6)

            query = "select Total_FOC from sales_monthly where
tahun_bulan like '" + ComboBox1.Text + angka_bulan + "%'"
            Dim Total_FOC As Long = fill_dgv(query)

            query = "select Total_Voucher from sales_monthly where
tahun_bulan like '" + ComboBox1.Text + angka_bulan + "%'"
            Dim Total_Voucher As Long = fill_dgv(query)
```

```vbnet
        query = "select Total_Sales_Card from sales_monthly where
tahun_bulan like '" + ComboBox1.Text + angka_bulan + "%'"
        Dim Total_Card As Long = fill_dgv(query)

        query = "select Total_Sales_Cash from sales_monthly where
tahun_bulan like '" + ComboBox1.Text + angka_bulan + "%'"
        Dim Total_Cash As Long = fill_dgv(query)

        query = "select Total_Beverage from sales_monthly where
tahun_bulan like '" + ComboBox1.Text + angka_bulan + "%'"
        Dim Total_Beverage As Long = fill_dgv(query)

        query = "select Total_Foods from sales_monthly where
tahun_bulan like '" + ComboBox1.Text + angka_bulan + "%'"
        Dim Total_Foods As Long = fill_dgv(query)

        total_sales_foc = Total_FOC
        total_sales_voucher = Total_Voucher
        total_sales_card = Total_Card
        total_sales_cash = Total_Cash
        total_sales_beverage = Total_Beverage
        total_sales_food = Total_Foods

        total = total_sales_foc + total_sales_voucher +
total_sales_card + total_sales_cash + total_sales_beverage + Total_Foods

        koneksi.Close()
        DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
    Catch ex As Exception
        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
    End Try
End Sub

Sub CreateChart(ByVal series As Integer, ByVal totalpoint_series As
Integer, ByVal bulan As String, ByVal tahun As String)
    If series = 0 Then
        Chart1.Series(0).Points.Add()
        Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).Color = Color.Blue
        Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).SetValueXY(totalpoint_series, total)
        Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).Label = home.conversi_rupiah(total) '"#VAL{C}"
        Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).LabelToolTip = bulan.ToString + " " + tahun.ToString
        Chart1.Series(0).Points(Chart1.Series(0).Points.Count -
1).LabelBackColor = Color.Yellow

        Chart2.Series(0).Points(0).SetValueXY(0, total_sales_foc)
        Chart2.Series(0).Points(1).SetValueXY(0, total_sales_voucher)
        Chart2.Series(0).Points(2).SetValueXY(0, total_sales_card)
        Chart2.Series(0).Points(3).SetValueXY(0, total_sales_cash)
        Chart2.Series(0).Points(4).SetValueXY(0,
total_sales_beverage)
        Chart2.Series(0).Points(5).SetValueXY(0, total_sales_food)
        Chart2.ResetAutoValues()

        DataGridView2.Columns.Add(bulan, bulan)
```

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```vb
        Dim total_coloum = DataGridView2.Columns.Count
        If DataGridView2.RowCount = 0 Then
            DataGridView2.Rows.Add(6)
        End If

        DataGridView2.Item(total_coloum - 1, 0).Value =
total_sales_foc
        DataGridView2.Item(total_coloum - 1, 1).Value =
total_sales_voucher
        DataGridView2.Item(total_coloum - 1, 2).Value =
total_sales_card
        DataGridView2.Item(total_coloum - 1, 3).Value =
total_sales_cash
        DataGridView2.Item(total_coloum - 1, 4).Value =
total_sales_beverage
        DataGridView2.Item(total_coloum - 1, 5).Value =
total_sales_food

        ComboBox2.Items.Add(bulan)
        ComboBox2.Text = bulan
    End If
End Sub

Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
    home.Visible = True
    Me.Close()
End Sub

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
    If ComboBox1.Text <> "" Then
        ProgressBar1.Value = 0
        If CheckBox1.Checked = True Then
            total_progress += 1
        End If

        If CheckBox2.Checked = True Then
            total_progress += 1
        End If

        If CheckBox3.Checked = True Then
            total_progress += 1
        End If

        If CheckBox4.Checked = True Then
            total_progress += 1
        End If

        If CheckBox5.Checked = True Then
            total_progress += 1
        End If

        If CheckBox6.Checked = True Then
            total_progress += 1
        End If

        If CheckBox7.Checked = True Then
            total_progress += 1
        End If
```

```vb
        If CheckBox8.Checked = True Then
            total_progress += 1
        End If

        If CheckBox9.Checked = True Then
            total_progress += 1
        End If

        If CheckBox10.Checked = True Then
            total_progress += 1
        End If

        If CheckBox11.Checked = True Then
            total_progress += 1
        End If

        If CheckBox12.Checked = True Then
            total_progress += 1
        End If

        Dim totalpoint_series0 As Integer =
Chart1.Series(0).Points.Count

        If CheckBox1.Checked = True Then
            totalpoint_series0 += 1
            dgvload("01")
            CreateChart(0, totalpoint_series0, "Januari",
ComboBox1.Text)
        End If

        If CheckBox2.Checked = True Then
            totalpoint_series0 += 1
            dgvload("02")
            CreateChart(0, totalpoint_series0, "Februari",
ComboBox1.Text)
        End If

        If CheckBox3.Checked = True Then
            totalpoint_series0 += 1
            dgvload("03")
            CreateChart(0, totalpoint_series0, "Maret",
ComboBox1.Text)
        End If

        If CheckBox4.Checked = True Then
            totalpoint_series0 += 1
            dgvload("04")
            CreateChart(0, totalpoint_series0, "April",
ComboBox1.Text)
        End If

        If CheckBox5.Checked = True Then
            totalpoint_series0 += 1
            dgvload("05")
            CreateChart(0, totalpoint_series0, "Mei", ComboBox1.Text)
        End If

        If CheckBox6.Checked = True Then
            totalpoint_series0 += 1
            dgvload("06")
```

```vbnet
                CreateChart(0, totalpoint_series0, "Juni",
    ComboBox1.Text)
            End If

            If CheckBox7.Checked = True Then
                totalpoint_series0 += 1
                dgvload("07")
                CreateChart(0, totalpoint_series0, "Juli",
    ComboBox1.Text)
            End If

            If CheckBox8.Checked = True Then
                totalpoint_series0 += 1
                dgvload("08")
                CreateChart(0, totalpoint_series0, "Agustus",
    ComboBox1.Text)
            End If

            If CheckBox9.Checked = True Then
                totalpoint_series0 += 1
                dgvload("09")
                CreateChart(0, totalpoint_series0, "September",
    ComboBox1.Text)
            End If

            If CheckBox10.Checked = True Then
                totalpoint_series0 += 1
                dgvload("10")
                CreateChart(0, totalpoint_series0, "Oktober",
    ComboBox1.Text)
            End If

            If CheckBox11.Checked = True Then
                totalpoint_series0 += 1
                dgvload("11")
                CreateChart(0, totalpoint_series0, "November",
    ComboBox1.Text)
            End If

            If CheckBox12.Checked = True Then
                totalpoint_series0 += 1
                dgvload("12")
                CreateChart(0, totalpoint_series0, "Desember",
    ComboBox1.Text)
            End If

            ProgressBar1.Value = 100
            Panel4.Enabled = False
            Button1.Enabled = False
        End If
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Chart1.Series(0).Points.Clear()
        Chart2.Series(0).Points(0).SetValueXY(0, 0)
        Chart2.Series(0).Points(1).SetValueXY(0, 0)
        Chart2.Series(0).Points(2).SetValueXY(0, 0)
        Chart2.Series(0).Points(3).SetValueXY(0, 0)
        Chart2.Series(0).Points(4).SetValueXY(0, 0)
        Chart2.Series(0).Points(5).SetValueXY(0, 0)
```

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```vb
        Chart2.ResetAutoValues()

        ComboBox2.Items.Clear()
        ComboBox2.Text = ""
        Panel4.Enabled = True
        Button1.Enabled = True
        DataGridView2.Rows.Clear()
        DataGridView2.Columns.Clear()
    End Sub

    Private Sub ComboBox2_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox2.SelectedIndexChanged
        Dim bulan = ComboBox2.SelectedIndex
        If DataGridView2.RowCount > 0 Then
            Dim ttl_sales_foc As Long = DataGridView2.Item(bulan,
0).Value

            Dim ttl_sales_voucher As Long = DataGridView2.Item(bulan,
1).Value

            Dim ttl_sales_card As Long = DataGridView2.Item(bulan,
2).Value

            Dim ttl_sales_cash As Long = DataGridView2.Item(bulan,
3).Value

            Dim ttl_sales_beverage As Long = DataGridView2.Item(bulan,
4).Value

            Dim ttl_sales_food As Long = DataGridView2.Item(bulan,
5).Value

            Chart2.Series(0).Points(0).SetValueXY(0, ttl_sales_foc)
            Chart2.Series(0).Points(1).SetValueXY(0, ttl_sales_voucher)
            Chart2.Series(0).Points(2).SetValueXY(0, ttl_sales_card)
            Chart2.Series(0).Points(3).SetValueXY(0, ttl_sales_cash)
            Chart2.Series(0).Points(4).SetValueXY(0, ttl_sales_beverage)
            Chart2.Series(0).Points(5).SetValueXY(0, ttl_sales_food)
            Chart2.ResetAutoValues()
        End If
    End Sub

    Private Sub Form_Analysis_Inventory_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        home.Visible = False
        Label3.Text = home.Label3.Text
    End Sub

    Private Sub panel_print_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles panel_print.Click
        PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Top = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Bottom = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Left = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Right = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Landscape = True
        PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
        PrintForm1.Print(Me,
PowerPacks.Printing.PrintForm.PrintOption.CompatibleModeClientAreaOnly)
    End Sub
End Class
```

Form Food Cost Monthly

```vb
Imports System.Data.OleDb
```

```vb
Public Class Form_Food_Cost_Monthly
    Public koneksi As OleDbConnection

    Private Sub login_logoff_button_Click(ByVal sender As System.Object, _
    ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Sub fill_datagridview(ByVal query As String)
        Dim da = New OleDbDataAdapter(query, koneksi)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub

    Sub hapus_dgv()
        DataGridView1.Rows.Clear()
    End Sub

    Function hitung_total_progressbar(ByVal query)
        Dim total_count = 0
        Dim command As New OleDbCommand(query, koneksi)
        Dim dataReader As OleDbDataReader = command.ExecuteReader()
        While dataReader.Read
            total_count = dataReader(0)
        End While
        Return total_count
    End Function

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As _
    System.EventArgs) Handles Button1.Click
        If ComboBox2.Text <> "" And ComboBox1.Text <> "" Then
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim query = ""
                Dim total_progressbar = 0
                Dim progressbar_value = 0
                Dim i = 0
                Dim total_row = 0
                Dim pembelian_gudang_perpurchase = 0

                'hitung semua total progressbar
                query = "select count (*) from ms_purchase_detail where
department = 'Gudang' and no_purchase_detail like '" + ComboBox2.Text +
combo_box_bulan.Text + "%' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_purchase_detail where
department = 'Ham' and no_purchase_detail like '" + ComboBox2.Text +
combo_box_bulan.Text + "%' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_purchase_detail where
department = 'Kitchen' and no_purchase_detail like '" + ComboBox2.Text +
combo_box_bulan.Text + "%' "
                total_progressbar += hitung_total_progressbar(query)
```

```
                query = "select count (*) from ms_purchase_detail where
department = 'Bar' and no_purchase_detail like '" + ComboBox2.Text +
combo_box_bulan.Text + "%' "
                total_progressbar += hitung_total_progressbar(query)

                Dim bulan_lalu
                Dim tahun
                If ComboBox1.SelectedIndex = 0 Then
                    bulan_lalu = "Desember"
                    tahun = Val(ComboBox2.Text) - 1
                Else
                    bulan_lalu =
ComboBox1.Items(Val(ComboBox1.SelectedIndex) - 1)
                    tahun = ComboBox2.Text
                End If
                query = "select count (*) from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  = 'inv_" + tahun +
"_" +bulan_lalu + "' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  = 'inv_" + tahun + "_"
+bulan_lalu + "' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  = 'inv_" + tahun +
"_" +bulan_lalu + "' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  = 'inv_" + tahun + "_" +
bulan_lalu + "' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  = 'inv_" +
ComboBox2.Text + "_" + ComboBox1.Text + "' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  = 'inv_" +
ComboBox2.Text + "_" + ComboBox1.Text + "' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  = 'inv_" +
ComboBox2.Text + "_" + ComboBox1.Text + "' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  = 'inv_" + ComboBox2.Text +
"_" +ComboBox1.Text + "' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from sales_raptor_report where
Tanggal like '" + ComboBox2.Text + combo_box_bulan.Text + "%' "
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from sales_raptor_report where
Tanggal like '" + ComboBox2.Text + combo_box_bulan.Text + "%' "
```

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                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from sales_raptor_report where
Tanggal like '" + ComboBox2.Text + combo_box_bulan.Text + "%' "
                    total_progressbar += hitung_total_progressbar(query)


                    'Purchase_food
                    Dim dimfood_beli_bulan_ini = 0
                    'Purchase_food_gudang
                    query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Gudang' and no_purchase_detail like '" +
ComboBox2.Text + combo_box_bulan.Text + "%' "
                    fill_datagridview(query)
                    total_row = DataGridView1.RowCount
                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value) * Val(DataGridView1.Item(1, i).Value)
                        dimfood_beli_bulan_ini +=
pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                        Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next

                    'Purchase_food_ham
                    query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Ham' and no_purchase_detail like '" + ComboBox2.Text
+ combo_box_bulan.Text + "%' "
                    fill_datagridview(query)
                    total_row = DataGridView1.RowCount
                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value) * Val(DataGridView1.Item(1, i).Value)
                        dimfood_beli_bulan_ini +=
pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                        Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next

                    'Purchase_food_kitchen
                    query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Kitchen' and no_purchase_detail like '" +
ComboBox2.Text + combo_box_bulan.Text + "%' "
                    fill_datagridview(query)
                    total_row = DataGridView1.RowCount

                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value) * Val(DataGridView1.Item(1, i).Value)
                        dimfood_beli_bulan_ini +=
pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                        Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next
```

```vb
'Purchase_baverage
Dim dimbeverage_beli_bulan_ini = 0
query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Bar' and no_purchase_detail like '" + ComboBox2.Text
+ combo_box_bulan.Text + "%' "
        fill_datagridview(query)
        total_row = DataGridView1.RowCount

        For i = 0 To total_row - 1
            pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value) * Val(DataGridView1.Item(1, i).Value)
            dimbeverage_beli_bulan_ini +=
pembelian_gudang_perpurchase
            progressbar_value += 1
            ProgressBar1.Value = progressbar_value /
total_progressbar * 100
            Label7.Text = ProgressBar1.Value.ToString + " %"
        Next

        Dim dimtotal_beli_bulan_ini = dimfood_beli_bulan_ini +
dimbeverage_beli_bulan_ini
        food_beli_bulan_ini.Text =
home.conversi_rupiah(dimfood_beli_bulan_ini.ToString)
        beverage_beli_bulan_ini.Text =
home.conversi_rupiah(dimbeverage_beli_bulan_ini.ToString)
        total_beli_bulan_ini.Text =
home.conversi_rupiah(dimtotal_beli_bulan_ini.ToString)

        'sisa_bulan_lalu
        Dim dimfood_sisa_bulan_lalu = 0
        'sisa_food_drygood_bulan_lalu
        query = "select total from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  = 'inv_" + tahun +
"_" + bulan_lalu + "' "
        fill_datagridview(query)
        total_row = DataGridView1.RowCount

        For i = 0 To total_row - 1
            pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
            dimfood_sisa_bulan_lalu +=
pembelian_gudang_perpurchase
            progressbar_value += 1
            ProgressBar1.Value = progressbar_value /
total_progressbar * 100
            Label7.Text = ProgressBar1.Value.ToString + " %"
        Next

        'sisa_food_POULTRY_bulan_lalu
        query = "select total from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  = 'inv_" + tahun + "_"
+ bulan_lalu + "' "
        fill_datagridview(query)
        total_row = DataGridView1.RowCount

        For i = 0 To total_row - 1
            pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
            dimfood_sisa_bulan_lalu +=
pembelian_gudang_perpurchase
            progressbar_value += 1
```

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                ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                Label7.Text = ProgressBar1.Value.ToString + " %"
            Next

            'sisa_food_VEGETABLES_bulan_lalu
            query = "select total from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  = 'inv_" + tahun +
"_" + bulan_lalu + "' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount

            For i = 0 To total_row - 1
                pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                dimfood_sisa_bulan_lalu +=
pembelian_gudang_perpurchase
                progressbar_value += 1
                ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                Label7.Text = ProgressBar1.Value.ToString + " %"
            Next

            'sisa_bar_bulan_lalu
            Dim dimbeverage_sisa_bulan_lalu = 0
            query = "select total from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  = 'inv_" + tahun + "_" +
bulan_lalu + "' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount

            For i = 0 To total_row - 1
                pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                dimbeverage_sisa_bulan_lalu +=
pembelian_gudang_perpurchase
                progressbar_value += 1
                ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                Label7.Text = ProgressBar1.Value.ToString + " %"
            Next

            Dim dimtotal_sisa_bulan_lalu = dimfood_sisa_bulan_lalu +
dimbeverage_sisa_bulan_lalu
            food_sisa_bulan_lalu.Text =
home.conversi_rupiah(dimfood_sisa_bulan_lalu.ToString)
            beverage_sisa_bulan_lalu.Text =
home.conversi_rupiah(dimbeverage_sisa_bulan_lalu.ToString)
            total_sisa_bulan_lalu.Text =
home.conversi_rupiah(dimtotal_sisa_bulan_lalu.ToString)

            'sisa_bulan_ini
            Dim dimfood_sisa_bulan_ini = 0
            'sisa_food_drygood_bulan_ini
            query = "select total from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  = 'inv_" +
ComboBox2.Text + "_" + ComboBox1.Text + "' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount

            For i = 0 To total_row - 1
```

```vbnet
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                            dimfood_sisa_bulan_ini +=
pembelian_gudang_perpurchase
                            progressbar_value += 1
                            ProgressBar1.Value = progressbar_value /
total progressbar * 100
                            Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next

                    'sisa_food_POULTRY_bulan_ini
                    query = "select total from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  = 'inv_" +
ComboBox2.Text + "_" + ComboBox1.Text + "' "
                    fill_datagridview(query)
                    total_row = DataGridView1.RowCount

                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                            dimfood_sisa_bulan_ini +=
pembelian_gudang_perpurchase
                            progressbar_value += 1
                            ProgressBar1.Value = progressbar_value /
total progressbar * 100
                            Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next

                    'sisa_food_VEGETABLES_bulan_ini
                    query = "select total from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  = 'inv_" +
ComboBox2.Text + "_" + ComboBox1.Text + "' "
                    fill_datagridview(query)
                    total_row = DataGridView1.RowCount

                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                            dimfood_sisa_bulan_ini +=
pembelian_gudang_perpurchase
                            progressbar_value += 1
                            ProgressBar1.Value = progressbar_value /
total progressbar * 100
                            Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next

                    'sisa_bar_bulan_ini
                    Dim dimbeverage_sisa_bulan_ini = 0
                    query = "select total from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  = 'inv_" + ComboBox2.Text +
"_" + ComboBox1.Text + "' "
                    fill_datagridview(query)
                    total_row = DataGridView1.RowCount

                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                            dimbeverage_sisa_bulan_ini +=
pembelian_gudang_perpurchase
                            progressbar_value += 1
```

```vb
                        ProgressBar1.Value = progressbar_value /
    total_progressbar * 100
                        Label7.Text = ProgressBar1.Value.ToString + " %"
                Next

                Dim dimtotal_sisa_bulan_ini = dimfood_sisa_bulan_ini +
    dimbeverage_sisa_bulan_ini
                food_sisa_bulan_ini.Text =
    home.conversi_rupiah(dimfood_sisa_bulan_ini.ToString)
                beverage_sisa_bulan_ini.Text =
    home.conversi_rupiah(dimbeverage_sisa_bulan_ini.ToString)
                total_sisa_bulan_ini.Text =
    home.conversi_rupiah(dimtotal_sisa_bulan_ini.ToString)

                Dim dimgrand_total_food = dimfood_beli_bulan_ini +
    dimfood_sisa_bulan_lalu - dimfood_sisa_bulan_ini
                grand_total_food.Text =
    home.conversi_rupiah(dimgrand_total_food.ToString)
                Dim dimgrand_total_beverage = dimbeverage_beli_bulan_ini
    + dimbeverage_sisa_bulan_lalu - dimbeverage_sisa_bulan_ini
                grand_total_beverage.Text =
    home.conversi_rupiah(dimgrand_total_beverage.ToString)
                Dim dimtotal_grand_purchase = dimgrand_total_food +
    dimgrand_total_beverage
                total_grand_purchase.Text =
    home.conversi_rupiah(dimtotal_grand_purchase.ToString)

                'sales
                Dim dimsales_food = 0
                'sales_food
                query = "select Total_Foods from sales_raptor_report
    where Tanggal like '" + ComboBox2.Text + combo_box_bulan.Text + "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount

                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase =
    Val(DataGridView1.Item(0, i).Value)
                    dimsales_food += pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = progressbar_value /
    total_progressbar * 100
                    Label7.Text = ProgressBar1.Value.ToString + " %"
                Next

                'sales_beverage
                Dim dimsales_beverage = 0
                query = "select Total_Beverage from sales_raptor_report
    where Tanggal like '" + ComboBox2.Text + combo_box_bulan.Text + "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount

                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase =
    Val(DataGridView1.Item(0, i).Value)
                    dimsales_beverage += pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = progressbar_value /
    total_progressbar * 100
                    Label7.Text = ProgressBar1.Value.ToString + " %"
                Next
```

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```vbnet
                'sales_foc
                Dim dimfoc_dan_disc_food = 0
                query = "select Total_FOC from sales_raptor_report where
Tanggal like '" + ComboBox2.Text + combo_box_bulan.Text + "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount

                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                    dimfoc_dan_disc_food += pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                    Label7.Text = ProgressBar1.Value.ToString + " %"
                Next

                foc_dan_disc_food.Text =
home.konversi_rupiah(dimfoc_dan_disc_food.ToString)
                sales_beverage.Text =
home.konversi_rupiah(dimsales_beverage.ToString)
                sales_food.Text =
home.konversi_rupiah(dimsales_food.ToString)

                foc_dan_disc_beverage.Text =
home.konversi_rupiah(foc_dan_disc_beverage.Text)

                total_sales.Text =
home.konversi_rupiah((dimsales_beverage + dimsales_food).ToString)
                total_foc_dan_disc.Text =
home.konversi_rupiah((dimfoc_dan_disc_food).ToString)
                Dim dimtotal_sales_beverage = (dimsales_beverage)
                total_sales_beverage.Text =
home.konversi_rupiah(dimtotal_sales_beverage.ToString)
                Dim dimtotal_sales_food = (dimsales_food -
dimfoc_dan_disc_food)
                total_sales_food.Text =
home.konversi_rupiah(dimtotal_sales_food.ToString)
                Dim dimgrand_total_sales = dimtotal_sales_beverage +
dimtotal_sales_food
                grand_total_sales.Text =
home.konversi_rupiah(dimgrand_total_sales.ToString)

                Dim dimtotal_food_costing = ((dimgrand_total_food /
dimtotal_sales_food) * 100).ToString("N2") + "%"
                total_food_costing.Text = dimtotal_food_costing
                Dim dimtotal_beverage_costing = ((dimgrand_total_beverage
/ dimtotal_sales_beverage) * 100).ToString("N2") + "%"
                total_beverage_costing.Text = dimtotal_beverage_costing
                Dim dimtotal_overall_costing = ((dimtotal_grand_purchase
/ dimgrand_total_sales) * 100).ToString("N2") + "%"
                total_overall_costing.Text = dimtotal_overall_costing

                koneksi.Close()
                DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells

            Catch ex As Exception
```

```vbnet
                    MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
                End Try

                ProgressBar1.Value = 0
                Label7.Text = ProgressBar1.Value.ToString + " %"
            Else
                MsgBox(home.pesan_error_input)
            End If
        End Sub

        Private Sub Form_Food_Cost_Monthly_Load(ByVal sender As
    System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
            home.Enabled = False
            Label3.Text = home.Label3.Text
        End Sub

        Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As
    System.Object, ByVal e As System.EventArgs) Handles
    ComboBox1.SelectedIndexChanged
            If ComboBox1.Text = "Januari" Then
                combo_box_bulan.Text = "01"
            ElseIf ComboBox1.Text = "Februari" Then
                combo_box_bulan.Text = "02"
            ElseIf ComboBox1.Text = "Maret" Then
                combo_box_bulan.Text = "03"
            ElseIf ComboBox1.Text = "April" Then
                combo_box_bulan.Text = "04"
            ElseIf ComboBox1.Text = "Mei" Then
                combo_box_bulan.Text = "05"
            ElseIf ComboBox1.Text = "Juni" Then
                combo_box_bulan.Text = "06"
            ElseIf ComboBox1.Text = "Juli" Then
                combo_box_bulan.Text = "07"
            ElseIf ComboBox1.Text = "Agustus" Then
                combo_box_bulan.Text = "08"
            ElseIf ComboBox1.Text = "September" Then
                combo_box_bulan.Text = "09"
            ElseIf ComboBox1.Text = "Oktober" Then
                combo_box_bulan.Text = "10"
            ElseIf ComboBox1.Text = "November" Then
                combo_box_bulan.Text = "11"
            ElseIf ComboBox1.Text = "Desember" Then
                combo_box_bulan.Text = "12"
            End If
        End Sub

        Private Sub panel_print_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles panel_print.Click
            PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
            PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Top = 0
            PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Bottom = 0
            PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Left = 0
            PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Right = 0
            PrintForm1.PrinterSettings.DefaultPageSettings.Landscape = True
            PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
            PrintForm1.Print(Me,
    PowerPacks.Printing.PrintForm.PrintOption.CompatibleModeClientAreaOnly)
        End Sub
    End Class
```

Form Food Cost Yearly

```vbnet
Imports System.Data.OleDb
Public Class Form_Food_Cost_Yearly
    Public koneksi As OleDbConnection

    Sub fill_datagridview(ByVal query As String)
        Dim da = New OleDbDataAdapter(query, koneksi)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub

    Sub hapus_dgv()
        DataGridView1.Rows.Clear()
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Visible = True
        Me.Close()
    End Sub

    Function hitung_total_progressbar(ByVal query)
        Dim total_count = 0
        Dim command As New OleDbCommand(query, koneksi)
        Dim dataReader As OleDbDataReader = command.ExecuteReader()
        While dataReader.Read
            total_count = dataReader(0)
        End While
        Return total_count
    End Function

    Private Sub Button1_Click_1(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        If ComboBox2.Text <> "" Then
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim query = ""
                Dim total_progressbar = 0
                Dim progressbar_value = 0
                Dim i = 0
                Dim total_row = 0
                Dim pembelian_gudang_perpurchase = 0

                'hitung semua total progressbar
                query = "select count (*) from ms_purchase_detail where
department = 'Gudang' and no_purchase_detail like '" + ComboBox2.Text +
"%'"
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_purchase_detail where
department = 'Ham' and no_purchase_detail like '" + ComboBox2.Text + "%'
"
                total_progressbar += hitung_total_progressbar(query)

                query = "select count (*) from ms_purchase_detail where
department = 'Kitchen' and no_purchase_detail like '" + ComboBox2.Text +
"%'"
```

```
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from ms_purchase_detail where
department = 'Bar' and no_purchase_detail like '" + ComboBox2.Text + "%'
"
                    total_progressbar += hitung_total_progressbar(query)

                    Dim tahun = (Val(ComboBox2.Text) - 1).ToString
                    query = "select count (*) from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  like 'inv_" + tahun +
"%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  like 'inv_" + tahun +
"%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  like 'inv_" + tahun
+ "%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  like 'inv_" + tahun + "%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  like 'inv_" +
ComboBox2.Text + "%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  like 'inv_" +
ComboBox2.Text + "%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  like 'inv_" +
ComboBox2.Text + "%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  like 'inv_" +
ComboBox2.Text + "%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from sales_raptor_report where
Tanggal like '" + ComboBox2.Text + "%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from sales_raptor_report where
Tanggal like '" + ComboBox2.Text + "%' "
                    total_progressbar += hitung_total_progressbar(query)

                    query = "select count (*) from sales_raptor_report where
Tanggal like '" + ComboBox2.Text + "%' "
                    total_progressbar += hitung_total_progressbar(query)

                    'Purchase_food
                    Dim dimfood_beli_bulan_ini As Long = 0
```

```vb
'Purchase_food_gudang
query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Gudang' and no_purchase_detail like '" +
ComboBox2.Text + "%' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount

            For i = 0 To total_row - 1
                pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value) * Val(DataGridView1.Item(1, i).Value)
                dimfood_beli_bulan_ini +=
pembelian_gudang_perpurchase
                progressbar_value += 1
                ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                Label7.Text = ProgressBar1.Value.ToString + " %"
            Next

            'Purchase_food_ham
            query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Ham' and no_purchase_detail like '" + ComboBox2.Text
+ "%' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount

            For i = 0 To total_row - 1
                pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value) * Val(DataGridView1.Item(1, i).Value)
                dimfood_beli_bulan_ini +=
pembelian_gudang_perpurchase
                progressbar_value += 1
                ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                Label7.Text = ProgressBar1.Value.ToString + " %"
            Next

            'Purchase_food_kitchen
            query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Kitchen' and no_purchase_detail like '" +
ComboBox2.Text + "%' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount

            For i = 0 To total_row - 1
                pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value) * Val(DataGridView1.Item(1, i).Value)
                dimfood_beli_bulan_ini +=
pembelian_gudang_perpurchase
                progressbar_value += 1
                ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                Label7.Text = ProgressBar1.Value.ToString + " %"
            Next

            'Purchase_baverage
            Dim dimbeverage_beli_bulan_ini As Long = 0
            query = "select qty,harga_satuan from ms_purchase_detail
where department = 'Bar' and no_purchase_detail like '" + ComboBox2.Text
+ "%' "
            fill_datagridview(query)
            total_row = DataGridView1.RowCount
```

```vb
                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value) * Val(DataGridView1.Item(1, i).Value)
                        dimbeverage_beli_bulan_ini +=
pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                        Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next

                    Dim dimtotal_beli_bulan_ini As Long =
dimfood_beli_bulan_ini + dimbeverage_beli_bulan_ini
                    food_beli_bulan_ini.Text =
home.konversi_rupiah(dimfood_beli_bulan_ini.ToString)
                    beverage_beli_bulan_ini.Text =
home.konversi_rupiah(dimbeverage_beli_bulan_ini.ToString)
                    total_beli_bulan_ini.Text =
home.konversi_rupiah(dimtotal_beli_bulan_ini.ToString)

                    'sisa_bulan_lalu

                    Dim dimfood_sisa_bulan_lalu As Long = 0
                    'sisa_food_drygood_bulan_lalu
                    query = "select total from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  like 'inv_" + tahun +
"%' "
                    fill_datagridview(query)
                    total_row = DataGridView1.RowCount

                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                        dimfood_sisa_bulan_lalu +=
pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                        Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next

                    'sisa_food_POULTRY_bulan_lalu
                    query = "select total from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  like 'inv_" + tahun +
"%' "
                    fill_datagridview(query)
                    total_row = DataGridView1.RowCount

                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                        dimfood_sisa_bulan_lalu +=
pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                        Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next

                    'sisa_food_VEGETABLES_bulan_lalu
```

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```vb
                query = "select total from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  like 'inv_" + tahun
+ "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount
                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                    dimfood_sisa_bulan_lalu +=
pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                    Label7.Text = ProgressBar1.Value.ToString + " %"
                Next

                'sisa_bar_bulan_lalu
                Dim dimbeverage_sisa_bulan_lalu As Long = 0
                query = "select total from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  like 'inv_" + tahun + "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount

                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                    dimbeverage_sisa_bulan_lalu +=
pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                    Label7.Text = ProgressBar1.Value.ToString + " %"
                Next

                Dim dimtotal_sisa_bulan_lalu As Long =
dimfood_sisa_bulan_lalu + dimbeverage_sisa_bulan_lalu
                food_sisa_bulan_lalu.Text =
home.conversi_rupiah(dimfood_sisa_bulan_lalu.ToString)
                beverage_sisa_bulan_lalu.Text =
home.conversi_rupiah(dimbeverage_sisa_bulan_lalu.ToString)
                total_sisa_bulan_lalu.Text =
home.conversi_rupiah(dimtotal_sisa_bulan_lalu.ToString)

                'sisa_bulan_ini
                Dim dimfood_sisa_bulan_ini As Long = 0
                'sisa_food_drygood_bulan_ini
                query = "select total from ms_detail_inventory where
jenis_barang = 'DRY GOODS' and no_header_inventory  like 'inv_" +
ComboBox2.Text + "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount

                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                    dimfood_sisa_bulan_ini +=
pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                    Label7.Text = ProgressBar1.Value.ToString + " %"
```

```vb
                Next

                'sisa_food_POULTRY_bulan_ini
                query = "select total from ms_detail_inventory where
jenis_barang = 'POULTRY' and no_header_inventory  like 'inv_" +
ComboBox2.Text + "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount

                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                    dimfood_sisa_bulan_ini +=
pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                    Label7.Text = ProgressBar1.Value.ToString + " %"
                Next

                'sisa_food_VEGETABLES_bulan_ini
                query = "select total from ms_detail_inventory where
jenis_barang = 'VEGETABLES' and no_header_inventory  like 'inv_" +
ComboBox2.Text + "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount

                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                    dimfood_sisa_bulan_ini +=
pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                    Label7.Text = ProgressBar1.Value.ToString + " %"
                Next

                'sisa_bar_bulan_ini
                Dim dimbeverage_sisa_bulan_ini As Long = 0
                query = "select total from ms_detail_inventory where
jenis_barang = 'BAR' and no_header_inventory  like 'inv_" +
ComboBox2.Text + "%' "
                fill_datagridview(query)
                total_row = DataGridView1.RowCount

                For i = 0 To total_row - 1
                    pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                    dimbeverage_sisa_bulan_ini +=
pembelian_gudang_perpurchase
                    progressbar_value += 1
                    ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                    Label7.Text = ProgressBar1.Value.ToString + " %"
                Next

                Dim dimtotal_sisa_bulan_ini As Long =
dimfood_sisa_bulan_ini + dimbeverage_sisa_bulan_ini
                food_sisa_bulan_ini.Text =
home.conversi_rupiah(dimfood_sisa_bulan_ini.ToString)
```

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```vbnet
                        beverage_sisa_bulan_ini.Text =
home.conversi_rupiah(dimbeverage_sisa_bulan_ini.ToString)
                        total_sisa_bulan_ini.Text =
home.conversi_rupiah(dimtotal_sisa_bulan_ini.ToString)

                        Dim dimgrand_total_food As Long =
(Val(dimfood_beli_bulan_ini) + Val(dimfood_sisa_bulan_lalu) -
Val(dimfood_sisa_bulan_ini)).ToString
                        grand_total_food.Text =
home.conversi_rupiah(dimgrand_total_food)
                        Dim dimgrand_total_beverage As Long =
dimbeverage_beli_bulan_ini + dimbeverage_sisa_bulan_lalu -
dimbeverage_sisa_bulan_ini
                        grand_total_beverage.Text =
home.conversi_rupiah(dimgrand_total_beverage.ToString)
                        Dim dimtotal_grand_purchase As Long = dimgrand_total_food
+ dimgrand_total_beverage
                        total_grand_purchase.Text =
home.conversi_rupiah(dimtotal_grand_purchase.ToString)

                        'sales
                        Dim dimsales_food As Long = 0
                        'sales_food
                        query = "select Total_Foods from sales_raptor_report
where Tanggal like '" + ComboBox2.Text + "%' "
                        fill_datagridview(query)
                        total_row = DataGridView1.RowCount

                        For i = 0 To total_row - 1
                            pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                            dimsales_food += pembelian_gudang_perpurchase
                            progressbar_value += 1
                            ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                            Label7.Text = ProgressBar1.Value.ToString + " %"
                        Next

                        'sales_beverage
                        Dim dimsales_beverage As Long = 0
                        query = "select Total_Beverage from sales_raptor_report
where Tanggal like '" + ComboBox2.Text + "%' "
                        fill_datagridview(query)
                        total_row = DataGridView1.RowCount

                        For i = 0 To total_row - 1
                            pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                            dimsales_beverage += pembelian_gudang_perpurchase
                            progressbar_value += 1
                            ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                            Label7.Text = ProgressBar1.Value.ToString + " %"
                        Next

                        'sales_foc
                        Dim dimfoc_dan_disc_food As Long = 0
                        query = "select Total_FOC from sales_raptor_report where
Tanggal like '" + ComboBox2.Text + "%' "
                        fill_datagridview(query)
                        total_row = DataGridView1.RowCount
```

```vbnet
                    For i = 0 To total_row - 1
                        pembelian_gudang_perpurchase =
Val(DataGridView1.Item(0, i).Value)
                        dimfoc_dan_disc_food += pembelian_gudang_perpurchase
                        progressbar_value += 1
                        ProgressBar1.Value = progressbar_value /
total_progressbar * 100
                        Label7.Text = ProgressBar1.Value.ToString + " %"
                    Next

                    foc_dan_disc_food.Text =
home.conversi_rupiah(dimfoc_dan_disc_food.ToString)
                    sales_beverage.Text =
home.conversi_rupiah(dimsales_beverage.ToString)
                    sales_food.Text =
home.conversi_rupiah(dimsales_food.ToString)
                    foc_dan_disc_beverage.Text =
home.conversi_rupiah(foc_dan_disc_beverage.Text)
                    total_sales.Text =
home.conversi_rupiah((dimsales_beverage + dimsales_food).ToString)
                    total_foc_dan_disc.Text =
home.conversi_rupiah((dimfoc_dan_disc_food).ToString)

                    Dim dimtotal_sales_beverage As Long = (dimsales_beverage)
                    total_sales_beverage.Text =
home.conversi_rupiah(dimtotal_sales_beverage.ToString)
                    Dim dimtotal_sales_food As Long = (dimsales_food -
dimfoc_dan_disc_food)
                    total_sales_food.Text =
home.conversi_rupiah(dimtotal_sales_food.ToString)
                    Dim dimgrand_total_sales As Long =
dimtotal_sales_beverage + dimtotal_sales_food
                    grand_total_sales.Text =
home.conversi_rupiah(dimgrand_total_sales.ToString)

                    Dim dimtotal_food_costing = ((dimgrand_total_food /
dimtotal_sales_food) * 100).ToString("N2") + "%"
                    total_food_costing.Text = dimtotal_food_costing
                    Dim dimtotal_beverage_costing = ((dimgrand_total_beverage
/ dimtotal_sales_beverage) * 100).ToString("N2") + "%"
                    total_beverage_costing.Text = dimtotal_beverage_costing
                    Dim dimtotal_overall_costing = ((dimtotal_grand_purchase
/ dimgrand_total_sales) * 100).ToString("N2") + "%"
                    total_overall_costing.Text = dimtotal_overall_costing

                    koneksi.Close()
                    DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells

                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try

                ProgressBar1.Value = 0
                Label7.Text = ProgressBar1.Value.ToString + " %"
            Else
                MsgBox(home.pesan_error_input)
            End If
        End Sub
```

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```vbnet
    Private Sub Form_Food_Cost_Yearly_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        home.Visible = False
        Label3.Text = home.Label3.Text
    End Sub

    Private Sub panel_print_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles panel_print.Click
        PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Top = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Bottom = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Left = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Right = 0
        PrintForm1.PrinterSettings.DefaultPageSettings.Landscape = True
        PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
        PrintForm1.Print(Me,
PowerPacks.Printing.PrintForm.PrintOption.CompatibleModeClientAreaOnly)
    End Sub
End Class
```

Form Profile Change Password

```vbnet
Imports System.Data.OleDb
Public Class Form_profile_change_password
    Public koneksi As OleDbConnection

    Private Sub login_logoff_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles login_logoff_button.Click
        Me.Close()
    End Sub

    Private Sub profile_change_password_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Label3.Text = home.Label3.Text
        Label6.Text = Label3.Text
    End Sub

    Private Sub CheckBox1_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles CheckBox1.CheckedChanged
        If CheckBox1.Checked Then
            TextBox1.UseSystemPasswordChar = False
            TextBox2.UseSystemPasswordChar = False
            TextBox3.UseSystemPasswordChar = False
        Else
            TextBox1.UseSystemPasswordChar = True
            TextBox2.UseSystemPasswordChar = True
            TextBox3.UseSystemPasswordChar = True
        End If
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        'cek kode ascii for charackter non password
        Dim i
        Dim character_non_password = 0
        Dim password = TextBox2.Text.ToLower
        For i = 1 To password.Length
            Dim assci = Asc(password(i - 1))
            If 48 < assci And assci < 123 Then
```

```vb
                    If 57 < assci And assci < 65 Then
                        character_non_password = 1
                    End If
                Else
                    character_non_password = 1
                End If
            Next

            If TextBox2.Text = TextBox3.Text And character_non_password = 0
Then

                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
                    Dim mycommand As OleDbCommand
                    mycommand = New OleDbCommand("UPDATE user_profile SET
user_password='" + TextBox2.Text.ToLower + "'WHERE username='" +
Label6.Text + "'", koneksi)
                    mycommand.ExecuteNonQuery()
                    koneksi.Close()
                    Me.Close()
                    home.cek_login_logout(0)
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try
            Else
                MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
            End If
        End Sub
End Class
```

Form Cari Master Barang

```vb
Imports System.Data.OleDb
Public Class Form_cari_ms_barang
    Public koneksi As OleDbConnection

    Private Sub Form_cari_ms_barang_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        Form_Purchase_Daily.Enabled = False
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_barang_baku
order by nama_item", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub
```

```vb
        Private Sub DataGridView1_CellClick(ByVal sender As Object, ByVal e
    As System.Windows.Forms.DataGridViewCellEventArgs) Handles
    DataGridView1.CellClick
            Form_Purchase_Daily.Enabled = True
            Form_Purchase_Daily.ComboBox5.Text = DataGridView1.Item(2,
    DataGridView1.CurrentRow.Index).Value
            Form_Purchase_Daily.refresh_fill_form_purchase_daily1()
            Me.Close()
        End Sub
    End Class
```

Form Detail Master Supplier

```vb
Imports System.Data.OleDb
Public Class Form_Detail_Master_Supplier
    Public koneksi As OleDbConnection

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button2.Click
        Form_Master_Supplier.Enabled = True
        Me.Close()
    End Sub

    Private Sub Form_Detail_Master_Supplier_Load(ByVal sender As
    System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Form_Master_Supplier.Enabled = False
        Dim row = Form_Master_Supplier.DataGridView1.CurrentRow.Index
        TextBox1.Text = Form_Master_Supplier.DataGridView1.Item(0,
    row).Value
        TextBox2.Text = Form_Master_Supplier.DataGridView1.Item(1,
    row).Value
        TextBox9.Text = Form_Master_Supplier.DataGridView1.Item(2,
    row).Value
        TextBox10.Text = Form_Master_Supplier.DataGridView1.Item(3,
    row).Value
        TextBox3.Text = Form_Master_Supplier.DataGridView1.Item(4,
    row).Value
        TextBox4.Text = Form_Master_Supplier.DataGridView1.Item(5,
    row).Value
        ComboBox1.Text = Form_Master_Supplier.DataGridView1.Item(6,
    row).Value
        TextBox5.Text = Form_Master_Supplier.DataGridView1.Item(7,
    row).Value
        TextBox6.Text = Form_Master_Supplier.DataGridView1.Item(8,
    row).Value
        TextBox7.Text = Form_Master_Supplier.DataGridView1.Item(9,
    row).Value
        TextBox8.Text = Form_Master_Supplier.DataGridView1.Item(10,
    row).Value
        TextBox1.Select()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button1.Click
        Dim row = Form_Master_Supplier.DataGridView1.CurrentRow.Index
        Dim nama_supplier = Form_Master_Supplier.DataGridView1.Item(0,
    row).Value
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
```

```vbnet
            koneksi.Open()
            Dim mycommand As OleDbCommand
            mycommand = New OleDbCommand("UPDATE ms_supplier SET nama='"
    + TextBox1.Text + "',c_person1='" + TextBox2.Text + "',c_person2='" +
    TextBox9.Text + "',c_person3='" + TextBox10.Text + "',lokasi='" +
    TextBox3.Text + "',term_byr='" + TextBox4.Text + "',periode_term='" +
    ComboBox1.Text + "',no_rek='" + TextBox5.Text + "',bank='" +
    TextBox6.Text + "',nama_acc='" + TextBox7.Text + "',ket='" +
    TextBox8.Text + "'  WHERE nama='" + nama_supplier.ToString + "'",
    koneksi)
            mycommand.ExecuteNonQuery()
            koneksi.Close()
            Form_Master_Supplier.dgvload()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
        End Try

        Form_Master_Supplier.Enabled = True
        Form_Master_Supplier.dgvload()
        Me.Close()
    End Sub
End Class
```

Form Detail Purchase Daily

```vbnet
Imports System.Data.OleDb
Public Class Form_Detail_Purchase_Daily
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
    ms_purchase_header", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
    DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button2.Click
        Form_Purchase_Daily.Enabled = True
        Me.Close()
    End Sub

    Private Sub Form_Detail_Purchase_Daily_Load(ByVal sender As
    System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Form_Purchase_Daily.Enabled = False
        dgvload()
    End Sub
```

```vb
    Private Sub RadioButton1_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RadioButton1.CheckedChanged
        TextBox1.Enabled = True
        DateTimePicker1.Enabled = False
    End Sub

    Private Sub RadioButton2_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RadioButton2.CheckedChanged
        TextBox1.Enabled = False
        DateTimePicker1.Enabled = True
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()

            Dim sql_query = ""
            If RadioButton1.Checked Then
                sql_query = "select * from ms_purchase_header where
nama_supplier like '%" + TextBox1.Text + "%'"
            ElseIf RadioButton2.Checked Then
                sql_query = "select * from ms_purchase_header where tgl =
'" + DateTimePicker1.Text + "'"
            End If

            Dim da = New OleDbDataAdapter(sql_query, koneksi)
            Dim dt As New DataTable

            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells

        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub DataGridView1_CellClick(ByVal sender As Object, ByVal e
As System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellClick
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
ms_purchase_detail where no_purchase_header = '" + DataGridView1.Item(0,
DataGridView1.CurrentRow.Index).Value + "'", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView2.DataSource = dt
            koneksi.Close()
```

```vb
                DataGridView2.AutoSizeColumnsMode =
        DataGridViewAutoSizeColumnsMode.AllCells
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
        MsgBoxStyle.Critical)
            End Try


            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim da = New OleDbDataAdapter("select * from
        ms_purchase_header where no_purchase_header ='" + DataGridView1.Item(0,
        DataGridView1.CurrentRow.Index).Value + "'", koneksi)
                Dim dt As New DataTable
                da.Fill(dt)
                DataGridView1.DataSource = dt
                koneksi.Close()
                DataGridView1.AutoSizeColumnsMode =
        DataGridViewAutoSizeColumnsMode.AllCells
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
        MsgBoxStyle.Critical)
            End Try

            Button1.Enabled = True
        End Sub

        Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
        System.EventArgs) Handles Button1.Click
            If MsgBox("Apakah Anda yakin untuk edit?", MsgBoxStyle.YesNo) =
        MsgBoxResult.Yes Then
                Dim no_purchase_header = DataGridView1.Item(0, 0).Value
                Dim tgl = DataGridView1.Item(1, 0).Value
                Dim no_nota = DataGridView1.Item(2, 0).Value
                Dim total_nota = 0

                For a = 0 To DataGridView2.RowCount - 1
                    total_nota = total_nota + Val(DataGridView2.Item(8,
        a).Value)
                Next

                Dim nama_supplier = DataGridView1.Item(4, 0).Value
                Dim cash_credit = DataGridView1.Item(5, 0).Value
                Dim lunas_blm = DataGridView1.Item(6, 0).Value

                Dim i
                For i = 0 To DataGridView2.RowCount - 1
                    Dim no_purchase_detail = no_purchase_header + "-" + (i +
        1).ToString
                    Dim no_purchase_header1 = no_purchase_header
                    Dim department = DataGridView2.Item(2, i).Value
                    Dim no_item = DataGridView2.Item(3, i).Value
                    Dim nama_item = DataGridView2.Item(4, i).Value
                    Dim qty = DataGridView2.Item(5, i).Value.ToString
                    Dim satuan = DataGridView2.Item(6, i).Value
                    Dim harga_satuan = DataGridView2.Item(7,
        i).Value.ToString
                    Dim total = DataGridView2.Item(8, i).Value.ToString
```

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```vb
                              'kembalikan qty dan harga barang seperti semula
       (dikurangi)
                          Try
                              koneksi = New OleDb.OleDbConnection
                              koneksi.ConnectionString = home.lokasi_database
                              koneksi.Open()
                              Dim harga_lama = 0
                              Dim command4 As New OleDbCommand("select
       Harga_average from ms_barang_baku where no_item ='" + no_item + "'",
       koneksi)
                              Dim dataReader4 As OleDbDataReader =
       command4.ExecuteReader()

                              While dataReader4.Read
                                  harga_lama = dataReader4(0)
                              End While

                              Dim qty_lama = 0
                              Dim command5 As New OleDbCommand("select on_hand from
       ms_barang_baku where no_item ='" + no_item + "'", koneksi)
                              Dim dataReader5 As OleDbDataReader =
       command5.ExecuteReader()

                              While dataReader5.Read
                                  qty_lama = dataReader5(0)
                              End While

                              Dim command6 As New OleDbCommand("select qty from
       ms_purchase_detail where no_purchase_detail ='" + no_purchase_detail +
       "'", koneksi)
                              Dim dataReader6 As OleDbDataReader =
       command6.ExecuteReader()
                              Dim qty_lama_detail = 0

                              While dataReader6.Read
                                  qty_lama_detail = dataReader6(0)
                              End While

                              Dim command7 As New OleDbCommand("select harga_satuan
       from ms_purchase_detail where no_purchase_detail ='" + no_purchase_detail
       + "'", koneksi)
                              Dim dataReader7 As OleDbDataReader =
       command7.ExecuteReader()
                              Dim harga_satuan_lama_detail = 0

                              While dataReader7.Read
                                  harga_satuan_lama_detail = dataReader7(0)
                              End While

                              Dim harga_terbaru = ((Val(qty_lama) *
       Val(harga_lama)) - (Val(qty_lama_detail) *
       Val(harga_satuan_lama_detail))) / (Val(qty_lama) - Val(qty_lama_detail))
                              Dim mycommand As OleDbCommand
                              mycommand = New OleDbCommand("UPDATE ms_barang_baku
       SET harga_average='" + harga_terbaru.ToString + "'WHERE no_item='" +
       no_item + "'", koneksi)
                              mycommand.ExecuteNonQuery()
                              koneksi.Close()
                          Catch ex As Exception
                              MsgBox(home.pesan_error_connection_database + " " +
       ex.Message, MsgBoxStyle.Critical)
```

```vbnet
                        End Try

                        'delete dahulu purchase headernya
                        Try
                            koneksi = New OleDb.OleDbConnection
                            koneksi.ConnectionString = home.lokasi_database
                            koneksi.Open()
                            Dim mycommand As OleDbCommand
                            mycommand = New OleDbCommand("Delete from
ms_purchase_header WHERE no_purchase_header ='" + no_purchase_header +
"'", koneksi)
                            mycommand.ExecuteNonQuery()
                            koneksi.Close()
                            dgvload()
                        Catch ex As Exception
                            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                        End Try

                        'delete dahulu purchase detailnya
                        Try
                            koneksi = New OleDb.OleDbConnection
                            koneksi.ConnectionString = home.lokasi_database
                            koneksi.Open()
                            Dim mycommand As OleDbCommand
                            mycommand = New OleDbCommand("Delete from
ms_purchase_detail WHERE no_purchase_detail ='" + no_purchase_detail +
"'", koneksi)
                            mycommand.ExecuteNonQuery()
                            koneksi.Close()
                            dgvload()
                        Catch ex As Exception
                            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                        End Try

                        'tambah qty dan harga average menjadi yang sudah diedit
                        Try
                            koneksi = New OleDb.OleDbConnection
                            koneksi.ConnectionString = home.lokasi_database
                            koneksi.Open()
                            Dim harga_lama = 0
                            Dim command4 As New OleDbCommand("select
Harga_average from ms_barang_baku where no_item ='" + no_item + "'",
koneksi)
                            Dim dataReader4 As OleDbDataReader =
command4.ExecuteReader()

                                While dataReader4.Read
                                    harga_lama = dataReader4(0)
                                End While

                                Dim qty_lama = 0
                                Dim command5 As New OleDbCommand("select on_hand from
ms_barang_baku where no_item ='" + no_item + "'", koneksi)
                                Dim dataReader5 As OleDbDataReader =
command5.ExecuteReader()

                                While dataReader5.Read
                                    qty_lama = dataReader5(0)
                                End While
```

```vb
                        Dim harga_terbaru = ((Val(qty_lama) *
Val(harga_lama)) + (Val(qty) * Val(harga_satuan))) / (Val(qty_lama) +
Val(qty))

                        Dim mycommand As OleDbCommand
                        mycommand = New OleDbCommand("UPDATE ms_barang_baku
SET Harga_average='" + harga_terbaru.ToString + "'WHERE no_item='" +
no_item + "'", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
                    End Try

                    'insert purchase detail baru
                    no_purchase_header1 = tgl + "-" + nama_supplier + "-" +
no_nota + "-" + total_nota.ToString
                    no_purchase_detail = tgl + "-" + nama_supplier + "-" +
no_nota + "-" + total_nota.ToString + "-" + (i + 1).ToString
                    Try
                        koneksi = New OleDb.OleDbConnection
                        koneksi.ConnectionString = home.lokasi_database
                        koneksi.Open()
                        Dim mycommand As OleDbCommand
                        mycommand = New OleDbCommand("INSERT INTO
ms_purchase_detail VALUES ('" + no_purchase_detail.ToString + "','" +
no_purchase_header1 + "','" + department + "','" + no_item + "','" +
nama_item + "','" + qty + "','" + satuan + "','" + harga_satuan + "','" +
total + "')", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
                    End Try
                Next

                'insert purchase header baru
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
                    Dim mycommand As OleDbCommand
                    Dim aa = tgl + "-" + nama_supplier + "-" + no_nota + "-"
+ total_nota.ToString
                    mycommand = New OleDbCommand("INSERT INTO
ms_purchase_header VALUES ('" + aa + "','" + tgl + "','" + no_nota +
"','" + total_nota.ToString + "','" + nama_supplier + "','" + cash_credit
+ "','" + lunas_blm + "')", koneksi)
                    mycommand.ExecuteNonQuery()
                    koneksi.Close()
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try

                Form_Purchase_Daily.Enabled = True
                Me.Close()
            End If
        End Sub
```

```vbnet
    End Class
```

Form Detail Tukar Faktur

```vbnet
Public Class Form_Detail_Tukar_faktur

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Me.Close()
    End Sub

    Private Sub Form_Detail_Tukar_Faktur_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Form_Tukar_Faktur.TopMost = False
    End Sub
End Class
```

Form Master Supplier

```vbnet
Imports System.Data.OleDb
Public Class Form_Master_Supplier
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_supplier
order by nama", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()

        'REFRESH FORM_PURCHASE_DAILY
        Form_Purchase_Daily.ComboBox1.Items.Clear()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand("select nama from ms_supplier
order by nama", koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()

            While dataReader.Read
                Form_Purchase_Daily.ComboBox1.Items.Add(dataReader(0))
            End While
```

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```vb
            Form_Purchase_Daily.ComboBox1.Text =
    Form_Purchase_Daily.ComboBox1.Items(0)
            koneksi.Close()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button4.Click
        Form_Register_Master_supplier.Show()
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Form_Detail_Master_Supplier.Show()
    End Sub

    Private Sub Form_Master_Supplier_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        Label3.Text = home.Label3.Text
        home.Enabled = False
        dgvload()
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
        If TextBox1.Text <> "" Then
            If MsgBox("Are you sure to delete " + TextBox1.Text,
MsgBoxStyle.YesNo) = MsgBoxResult.Yes Then
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
                    Dim mycommand As OleDbCommand
                    mycommand = New OleDbCommand("Delete from ms_supplier
WHERE nama='" + DataGridView1.Item(0,
DataGridView1.CurrentCell.RowIndex).Value + "'", koneksi)
                    mycommand.ExecuteNonQuery()
                    koneksi.Close()
                    TextBox1.Text = ""
                    dgvload()
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try
            Else
                TextBox1.Text = ""
            End If
        Else
            MsgBox("Select Nama for Delete.", MsgBoxStyle.Critical)
        End If
    End Sub

    Private Sub DataGridView1_CellClick(ByVal sender As Object, ByVal e
As System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellClick
        TextBox1.Text = DataGridView1.Item(0,
DataGridView1.CurrentCell.RowIndex).Value
```

```
        End Sub

    Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal
    e As System.EventArgs) Handles TextBox1.TextChanged
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from ms_supplier
where nama like '%" + TextBox1.Text + "%' order by nama ", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub
End Class
```

Form Pembayaran Supplier

```
Imports System.Data.OleDb
Public Class Form_Pembayaran_Supplier
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
ms_purchase_header where lunas_blm like '%Tukar Faktur%'", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Sub cek_total()
        Label8.Text = "0"
        Dim i
        Dim banyaknya_row = DataGridView1.RowCount

        For i = 0 To banyaknya_row - 1
            If DataGridView1.Item(0, i).Value = True Then
                Label8.Text = Val(Label8.Text) +
Val(DataGridView1.Item(4, i).Value)
            End If
        Next
```

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```vbnet
        Label8.Text = home.conversi_rupiah(Label8.Text)
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object, _
    ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub Form_Pembayaran_Supplier_Load(ByVal sender As _
    System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Label3.Text = home.Label3.Text
        Label5.Text = home.today("tampilan")
        home.Enabled = False
        dgvload()
        cek_total()
    End Sub

    Private Sub DataGridView1_Click(ByVal sender As Object, ByVal e As _
    System.EventArgs) Handles DataGridView1.Click
        If DataGridView1.CurrentCell.ColumnIndex = 0 Then
            If DataGridView1.Item(0, _
    DataGridView1.CurrentRow.Index).Value = True Then
                DataGridView1.Item(0, _
    DataGridView1.CurrentRow.Index).Value = False
            Else
                DataGridView1.Item(0, _
    DataGridView1.CurrentRow.Index).Value = True
            End If
            cek_total()
        End If
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As _
    System.EventArgs) Handles Button2.Click
        Dim i
        Dim banyaknya_row = DataGridView1.RowCount
        If DataGridView1.Item(0, 0).Value = True Then
            For i = 0 To banyaknya_row - 1
                DataGridView1.Item(0, i).Value = False
            Next
        Else
            For i = 0 To banyaknya_row - 1
                DataGridView1.Item(0, i).Value = True
            Next
        End If
        cek_total()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As _
    System.EventArgs) Handles Button1.Click
        Dim i
        Dim banyaknya_row = DataGridView1.RowCount
        If Val(banyaknya_row) > 0 Then
            For i = 0 To banyaknya_row - 1
                If DataGridView1.Item(0, i).Value = True Then
                    Try
                        koneksi = New OleDb.OleDbConnection
                        koneksi.ConnectionString = home.lokasi_database
                        koneksi.Open()
                        Dim mycommand As OleDbCommand
```

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```
                        Dim no_item = DataGridView1.Item(1, i).Value
                        Dim tanggal = home.today("database")
                        mycommand = New OleDbCommand("UPDATE
ms_purchase_header SET lunas_blm='Dibayar-" + tanggal + "'WHERE
no_purchase_header='" + no_item + "'", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                        DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                    End Try
                End If
            Next
            MsgBox("Sukses")
            home.Enabled = True
            Me.Close()
        End If
    End Sub

    Private Sub Label8_TextChanged(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Label8.TextChanged
        If Label8.Text = "Rp0.00" Then
            Button1.Enabled = False
        Else
            Button1.Enabled = True
        End If
    End Sub
End Class
```

Form Purchase Daily

```
Imports System.Data.OleDb
Public Class Form_Purchase_Daily
    Public koneksi As OleDbConnection

    Sub make_no_faktur()
        TextBox7.Text = DateTimePicker1.Text + "-" + ComboBox1.Text + "-"
+ TextBox1.Text + "-" + TextBox9.Text
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        Form_Master_Supplier.Show()
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Form_Master_Barang.Show()
    End Sub

    Private Sub TextBox4_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles TextBox4.TextChanged
        TextBox8.Text = Val(TextBox4.Text) * Val(TextBox6.Text)
```

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```vb
        TextBox8.Text = home.conversi_rupiah(TextBox8.Text)
    End Sub

    Private Sub TextBox6_TextChanged(ByVal sender As System.Object, ByVal
    e As System.EventArgs) Handles TextBox6.TextChanged
        TextBox8.Text = Val(TextBox4.Text) * Val(TextBox6.Text)
        TextBox8.Text = home.conversi_rupiah(TextBox8.Text)
    End Sub

    Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button4.Click
        Form_Detail_Purchase_Daily.Show()
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button3.Click
        If Val(TextBox4.Text) > 0 Then
            TextBox10.Text = DateTimePicker1.Text
            TextBox11.Text = TextBox7.Text
            TextBox12.Text = TextBox1.Text
            Label23.Text = Label18.Text
            TextBox14.Text = ComboBox1.Text
            TextBox15.Text = ComboBox2.Text
            DataGridView1.Rows.Add()
            DataGridView1.Item(0, DataGridView1.RowCount - 1).Value =
ComboBox3.Text
            DataGridView1.Item(1, DataGridView1.RowCount - 1).Value =
ComboBox4.Text
            DataGridView1.Item(2, DataGridView1.RowCount - 1).Value =
ComboBox5.Text
            DataGridView1.Item(3, DataGridView1.RowCount - 1).Value =
TextBox4.Text
            DataGridView1.Item(4, DataGridView1.RowCount - 1).Value =
TextBox5.Text
            DataGridView1.Item(5, DataGridView1.RowCount - 1).Value =
TextBox6.Text
            DataGridView1.Item(6, DataGridView1.RowCount - 1).Value =
TextBox8.Text
            Dim i
            Dim total = 0

            For i = 0 To DataGridView1.RowCount - 1
                total = total + (Val(DataGridView1.Item(3, i).Value) *
Val(DataGridView1.Item(5, i).Value))
            Next

            TextBox9.Text = total
            TextBox13.Text = TextBox9.Text

            DateTimePicker1.Enabled = False
            TextBox7.Enabled = False
            Button1.Enabled = False
            TextBox1.Enabled = False
            TextBox9.Enabled = False
            ComboBox1.Enabled = False
            ComboBox2.Enabled = False
            ComboBox3.Text = "Bar"
            ComboBox4.Text = "No Item"
            ComboBox5.Text = "Nama Item"
            TextBox4.Text = "0"
            TextBox5.Text = ""
```

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```vb
        TextBox6.Text = ""
        TextBox8.Text = ""

        'refresh_fill_form_purchase_daily()
        ComboBox4.Items.Clear()
        ComboBox5.Items.Clear()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()

            Dim command1 As New OleDbCommand("select no_item from
ms_barang_baku order by no_item", koneksi)
            Dim dataReader1 As OleDbDataReader =
command1.ExecuteReader()

            While dataReader1.Read
                ComboBox4.Items.Add(dataReader1(0))
            End While

            ComboBox4.Text = ComboBox4.Items(0)

            Dim command2 As New OleDbCommand("select nama_item from
ms_barang_baku order by nama_item", koneksi)
            Dim dataReader2 As OleDbDataReader =
command2.ExecuteReader()

            While dataReader2.Read
                ComboBox5.Items.Add(dataReader2(0))
            End While

            ComboBox5.Text = ComboBox5.Items(0)
            koneksi.Close()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
        End Try

        refresh_fill_form_purchase_daily1()
    Else
        TextBox4.Select()
    End If
    End Sub

    Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button5.Click
        Dim no_purchase_header = TextBox7.Text
        Dim tgl = TextBox10.Text
        Dim no_nota = TextBox12.Text
        Dim total_nota = TextBox9.Text
        Dim nama_supplier = TextBox14.Text
        Dim cash_credit = TextBox15.Text
        Dim lunas_blm = Label23.Text
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim mycommand As OleDbCommand
            mycommand = New OleDbCommand("INSERT INTO ms_purchase_header
VALUES ('" + no_purchase_header + "','" + tgl + "','" + no_nota + "','" +
```

```
                total_nota + "','" + nama_supplier + "','" + cash_credit + "','" +
            lunas_blm + "')", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
            MsgBoxStyle.Critical)
                    End Try

                    Dim i
                    For i = 0 To DataGridView1.RowCount - 1
                        Dim no_purchase_detail = no_purchase_header + "-" + (i +
            1).ToString

                        Dim no_purchase_header1 = no_purchase_header
                        Dim department = DataGridView1.Item(0, i).Value
                        Dim no_item = DataGridView1.Item(1, i).Value
                        Dim nama_item = DataGridView1.Item(2, i).Value
                        Dim qty = DataGridView1.Item(3, i).Value.ToString
                        Dim satuan = DataGridView1.Item(4, i).Value
                        Dim harga_satuan = DataGridView1.Item(5, i).Value.ToString
                        Dim total = DataGridView1.Item(6, i).Value.ToString

                        Try
                            koneksi = New OleDb.OleDbConnection
                            koneksi.ConnectionString = home.lokasi_database
                            koneksi.Open()
                            Dim mycommand As OleDbCommand
                            mycommand = New OleDbCommand("INSERT INTO
            ms_purchase_detail VALUES ('" + no_purchase_detail.ToString + "','" +
            no_purchase_header1 + "','" + department + "','" + no_item + "','" +
            nama_item + "','" + qty + "','" + satuan + "','" + harga_satuan + "','" +
            total + "')", koneksi)
                            mycommand.ExecuteNonQuery()
                            koneksi.Close()
                        Catch ex As Exception
                            MsgBox(home.pesan_error_connection_database + " " +
            ex.Message, MsgBoxStyle.Critical)
                        End Try

                        Try
                            koneksi = New OleDb.OleDbConnection
                            koneksi.ConnectionString = home.lokasi_database
                            koneksi.Open()
                            Dim harga_lama = 0
                            Dim command4 As New OleDbCommand("select Harga_average
            from ms_barang_baku where no_item ='" + no_item + "'", koneksi)
                            Dim dataReader4 As OleDbDataReader =
            command4.ExecuteReader()

                            While dataReader4.Read
                                harga_lama = dataReader4(0)
                            End While

                            Dim qty_lama = 0
                            Dim command5 As New OleDbCommand("select on_hand from
            ms_barang_baku where no_item ='" + no_item + "'", koneksi)
                            Dim dataReader5 As OleDbDataReader =
            command5.ExecuteReader()

                            While dataReader5.Read
                                qty_lama = dataReader5(0)
```

```vb
                End While

                Dim harga_terbaru = ((Val(qty_lama) * Val(harga_lama)) +
    (Val(qty) * Val(harga_satuan))) / (Val(qty_lama) + Val(qty))
                Dim mycommand As OleDbCommand
                mycommand = New OleDbCommand("UPDATE ms_barang_baku SET
    Harga_average='" + harga_terbaru.ToString + "'WHERE no_item='" + no_item
    + "'", koneksi)
                mycommand.ExecuteNonQuery()
                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database + " " +
    ex.Message, MsgBoxStyle.Critical)
            End Try

        Next
        DataGridView1.Rows.Clear()
        DateTimePicker1.Enabled = True
        Button1.Enabled = True
        TextBox1.Enabled = True
        TextBox9.Enabled = True
        ComboBox1.Enabled = True
        ComboBox2.Enabled = True
        TextBox7.Text = ""
        TextBox1.Text = "-"
        TextBox9.Text = "0"
        ComboBox1.Text = "Nama Supplier"
        ComboBox2.Text = "Credit"
        ComboBox3.Text = "Bar"
        ComboBox4.Text = "No Item"
        ComboBox5.Text = "Nama Item"
        TextBox4.Text = "0"
        TextBox5.Text = ""
        TextBox6.Text = ""
        TextBox8.Text = ""
        TextBox10.Text = ""
        TextBox11.Text = ""
        TextBox12.Text = ""
        TextBox13.Text = ""
        TextBox14.Text = ""
        TextBox15.Text = ""
        refresh_fill_form_purchase_daily()
        refresh_fill_form_purchase_daily1()
    End Sub

    Sub refresh_fill_form_purchase_daily1()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()

            Dim command3 As New OleDbCommand("select satuan from
    ms_barang_baku where no_item ='" + ComboBox4.Text + "'", koneksi)
            Dim dataReader3 As OleDbDataReader = command3.ExecuteReader()

            While dataReader3.Read
                TextBox5.Text = dataReader3(0)
            End While

            Dim command4 As New OleDbCommand("select Harga_average from
    ms_barang_baku where no_item ='" + ComboBox4.Text + "'", koneksi)
```

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```vbnet
                Dim dataReader4 As OleDbDataReader = command4.ExecuteReader()

                While dataReader4.Read
                    TextBox6.Text = dataReader4(0)
                End While

                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database + " " +
        ex.Message, MsgBoxStyle.Critical)
            End Try
        End Sub
        Sub refresh_fill_form_purchase_daily()
        ComboBox4.Items.Clear()
        ComboBox5.Items.Clear()
        Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim command As New OleDbCommand("select nama from ms_supplier
        order by nama", koneksi)
                Dim dataReader As OleDbDataReader = command.ExecuteReader()

                While dataReader.Read
                    ComboBox1.Items.Add(dataReader(0))
                End While

                ComboBox1.Text = ComboBox1.Items(0)

                Dim command1 As New OleDbCommand("select no_item from
        ms_barang_baku order by no_item", koneksi)
                Dim dataReader1 As OleDbDataReader = command1.ExecuteReader()

                While dataReader1.Read
                    ComboBox4.Items.Add(dataReader1(0))
                End While

                ComboBox4.Text = ComboBox4.Items(0)

                Dim command2 As New OleDbCommand("select nama_item from
        ms_barang_baku order by nama_item", koneksi)
                Dim dataReader2 As OleDbDataReader = command2.ExecuteReader()

                While dataReader2.Read
                    ComboBox5.Items.Add(dataReader2(0))
                End While

                ComboBox5.Text = ComboBox5.Items(0)

                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database + " " +
        ex.Message, MsgBoxStyle.Critical)
            End Try
        End Sub

        Private Sub Form_Purchase_Daily_Load(ByVal sender As System.Object,
        ByVal e As System.EventArgs) Handles MyBase.Load
        home.Enabled = False
        Label3.Text = home.Label3.Text
```

```vb
        refresh_fill_form_purchase_daily()
        refresh_fill_form_purchase_daily1()

        Dim daytime = DateAndTime.TimeOfDay.DayOfWeek.ToString
        Dim datetime = DateAndTime.Now.Day.ToString
        Dim monthtime = DateAndTime.Now.Month.ToString
        Dim yeartime = DateAndTime.Now.Year.ToString

        DateTimePicker1.Value = monthtime + "/" + datetime + "/" +
yeartime
    End Sub

    Private Sub DateTimePicker1_ValueChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
DateTimePicker1.ValueChanged
        make_no_faktur()
    End Sub

    Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox1.SelectedIndexChanged
        make_no_faktur()
    End Sub

    Private Sub TextBox9_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles TextBox9.TextChanged
        make_no_faktur()
    End Sub

    Private Sub ComboBox5_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox5.SelectedIndexChanged
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()

            Dim command1 As New OleDbCommand("select no_item from
ms_barang_baku where nama_item = '" + ComboBox5.Text + "'", koneksi)
            Dim dataReader1 As OleDbDataReader = command1.ExecuteReader()

            While dataReader1.Read
                ComboBox4.Text = dataReader1(0)
            End While

            koneksi.Close()
            refresh_fill_form_purchase_daily1()
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub Button6_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button6.Click
        Form_cari_ms_barang.Show()
    End Sub

    Private Sub DataGridView1_RowsRemoved(ByVal sender As Object, ByVal e
As System.Windows.Forms.DataGridViewRowsRemovedEventArgs) Handles
DataGridView1.RowsRemoved
```

```
            Dim i
            Dim total = 0

            For i = 0 To DataGridView1.RowCount - 1
                total = total + (Val(DataGridView1.Item(3, i).Value) *
Val(DataGridView1.Item(5, i).Value))
            Next

            TextBox9.Text = total
            TextBox13.Text = TextBox9.Text
        End Sub

        Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles TextBox1.TextChanged
            make_no_faktur()
        End Sub
    End Class
```

Form Register Master Supplier

```
Imports System.Data.OleDb
Public Class Form_Register_Master_supplier
    Public koneksi As OleDbConnection

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Form_Master_Supplier.Enabled = True
        Me.Close()
    End Sub

    Private Sub Form_Register_Master_supplier_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Form_Master_Supplier.Enabled = False
        TextBox1.Select()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim mycommand As OleDbCommand
            Dim nama = TextBox1.Text
            Dim c_person1 = TextBox2.Text
            Dim c_person2 = TextBox9.Text
            Dim c_person3 = TextBox10.Text
            Dim lokasi = TextBox3.Text
            Dim term_byr = TextBox4.Text
            Dim periode_term = ComboBox1.Text
            Dim no_rek = TextBox5.Text
            Dim bank = TextBox6.Text
            Dim nama_acc = TextBox7.Text
            Dim ket = TextBox8.Text
            mycommand = New OleDbCommand("INSERT INTO ms_supplier VALUES
('" + nama + "','" + c_person1 + "','" + c_person2 + "','" + c_person3 +
"','" + lokasi + "','" + term_byr + "','" + periode_term + "','" + no_rek
+ "','" + bank + "','" + nama_acc + "','" + ket + "')", koneksi)
            mycommand.ExecuteNonQuery()
            koneksi.Close()
```

```
                    Form_Master_Supplier.dgvload()
                    Form_Master_Supplier.Enabled = True
                    Me.Close()
            Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
            End Try
        End Sub
End Class
```

Form Retur Purchase

```
Imports System.Data.OleDb
Public Class Form_Retur_Purchase
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
ms_purchase_header where lunas_blm ='Belum Lunas'", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub Form_Retur_Purchase_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        Label3.Text = home.Label3.Text
        home.Enabled = False
        dgvload()
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
        If RadioButton1.Checked = True Or RadioButton2.Checked = True
Then
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()

                Dim sql_query = ""

                If RadioButton1.Checked Then
```

```vb
                                sql_query = "select * from ms_purchase_header where
nama_supplier like '%" + TextBox1.Text + "%'and  lunas_blm ='Belum
Lunas'"
                        ElseIf RadioButton2.Checked Then
                                sql_query = "select * from ms_purchase_header where
tgl ='" + DateTimePicker1.Text + "'and lunas_blm ='Belum Lunas'"
                        End If

                        Dim da = New OleDbDataAdapter(sql_query, koneksi)
                        Dim dt As New DataTable

                        da.Fill(dt)
                        DataGridView1.DataSource = dt
                        koneksi.Close()
                        DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells

                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                    End Try
                Else
                    MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
                End If
        End Sub

        Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs)
                home.Enabled = True
                Me.Close()
        End Sub

        Private Sub RadioButton1_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RadioButton1.CheckedChanged
                TextBox1.Enabled = True
                DateTimePicker1.Enabled = False
        End Sub

        Private Sub RadioButton2_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RadioButton2.CheckedChanged
                TextBox1.Enabled = False
                DateTimePicker1.Enabled = True
        End Sub

        Private Sub DataGridView1_CellClick(ByVal sender As Object, ByVal e
As System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellClick
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
                    Dim da = New OleDbDataAdapter("select * from
ms_purchase_detail where no_purchase_header = '" + DataGridView1.Item(0,
DataGridView1.CurrentRow.Index).Value + "'", koneksi)
                    Dim dt As New DataTable
                    da.Fill(dt)
                    DataGridView2.DataSource = dt
                    koneksi.Close()
```

```vbnet
                DataGridView2.AutoSizeColumnsMode =
    DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
        End Try

        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
    ms_purchase_header where no_purchase_header ='" + DataGridView1.Item(0,
    DataGridView1.CurrentRow.Index).Value + "'", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
    DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
        End Try

        TextBox2.Enabled = True
        Button1.Enabled = True
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        If Val(TextBox2.Text) > 0 Then
            If MsgBox("Apakah Anda yakin untuk edit?", MsgBoxStyle.YesNo)
= MsgBoxResult.Yes Then
                Dim no_purchase_header = DataGridView1.Item(0, 0).Value
                Dim tgl = DataGridView1.Item(1, 0).Value
                Dim no_nota = DataGridView1.Item(2, 0).Value
                Dim total_nota = 0

                For a = 0 To DataGridView2.RowCount - 1
                    total_nota = total_nota + Val(DataGridView2.Item(8,
a).Value)
                Next

                Dim nama_supplier = DataGridView1.Item(4, 0).Value
                Dim cash_credit = DataGridView1.Item(5, 0).Value
                Dim lunas_blm = DataGridView1.Item(6, 0).Value

                Dim i

                For i = 0 To DataGridView2.RowCount - 1
                    Dim no_purchase_detail = no_purchase_header + "-" +
(i + 1).ToString

                    Dim no_purchase_header1 = no_purchase_header
                    Dim department = DataGridView2.Item(2, i).Value
                    Dim no_item = DataGridView2.Item(3, i).Value
                    Dim nama_item = DataGridView2.Item(4, i).Value
                    Dim qty = DataGridView2.Item(5, i).Value.ToString
                    Dim satuan = DataGridView2.Item(6, i).Value
                    Dim harga_satuan = DataGridView2.Item(7,
i).Value.ToString
```

```vb
                            Dim total = DataGridView2.Item(8, i).Value.ToString

                            'kembalikan qty dan harga barang seperti semula
    (dikurangi)
                            Try
                                koneksi = New OleDb.OleDbConnection
                                koneksi.ConnectionString = home.lokasi_database
                                koneksi.Open()
                                Dim harga_lama = 0
                                Dim command4 As New OleDbCommand("select
    Harga_average from ms_barang_baku where no_item ='" + no_item + "'",
    koneksi)
                                Dim dataReader4 As OleDbDataReader =
    command4.ExecuteReader()

                                While dataReader4.Read
                                    harga_lama = dataReader4(0)
                                End While

                                Dim qty_lama = 0
                                Dim command5 As New OleDbCommand("select on_hand
    from ms_barang_baku where no_item ='" + no_item + "'", koneksi)
                                Dim dataReader5 As OleDbDataReader =
    command5.ExecuteReader()

                                While dataReader5.Read
                                    qty_lama = dataReader5(0)
                                End While

                                Dim command6 As New OleDbCommand("select qty from
    ms_purchase_detail where no_purchase_detail ='" + no_purchase_detail +
    "'", koneksi)
                                Dim dataReader6 As OleDbDataReader =
    command6.ExecuteReader()
                                Dim qty_lama_detail = 0

                                While dataReader6.Read
                                    qty_lama_detail = dataReader6(0)
                                End While

                                Dim command7 As New OleDbCommand("select
    harga_satuan from ms_purchase_detail where no_purchase_detail ='" +
    no_purchase_detail + "'", koneksi)
                                Dim dataReader7 As OleDbDataReader =
    command7.ExecuteReader()
                                Dim harga_satuan_lama_detail = 0

                                While dataReader7.Read
                                    harga_satuan_lama_detail = dataReader7(0)
                                End While

                                Dim harga_terbaru = ((Val(qty_lama) *
    Val(harga_lama)) - (Val(qty_lama_detail) *
    Val(harga_satuan_lama_detail))) / (Val(qty_lama) - Val(qty_lama_detail))
                                Dim mycommand As OleDbCommand
                                mycommand = New OleDbCommand("UPDATE
    ms_barang_baku SET Harga_average='" + harga_terbaru.ToString + "'WHERE
    no_item='" + no_item + "'", koneksi)
                                mycommand.ExecuteNonQuery()
                                koneksi.Close()
                            Catch ex As Exception
```

```vb
                MsgBox(home.pesan_error_connection_database + " "
+ ex.Message, MsgBoxStyle.Critical)
                    End Try
                    'delete dahulu purchase headernya

                    Try
                        koneksi = New OleDb.OleDbConnection
                        koneksi.ConnectionString = home.lokasi_database
                        koneksi.Open()
                        Dim mycommand As OleDbCommand
                        mycommand = New OleDbCommand("Delete from
ms_purchase_header WHERE no_purchase_header ='" + no_purchase_header +
"'", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                        dgvload()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                    End Try

                    'delete dahulu purchase detailnya
                    Try
                        koneksi = New OleDb.OleDbConnection
                        koneksi.ConnectionString = home.lokasi_database
                        koneksi.Open()
                        Dim mycommand As OleDbCommand
                        mycommand = New OleDbCommand("Delete from
ms_purchase_detail WHERE no_purchase_detail ='" + no_purchase_detail +
"'", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                        dgvload()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                    End Try

                    'insert purchase detail baru
                    DataGridView2.Item(5,
DataGridView2.CurrentRow.Index).Value = Val(DataGridView2.Item(5,
DataGridView2.CurrentRow.Index).Value) - Val(TextBox2.Text)
                    TextBox2.Text = "0"
                    qty = DataGridView2.Item(5,
DataGridView2.CurrentRow.Index).Value
                    DataGridView2.Item(8,
DataGridView2.CurrentRow.Index).Value = (Val(DataGridView2.Item(5,
DataGridView2.CurrentRow.Index).Value) * Val(DataGridView2.Item(7,
DataGridView2.CurrentRow.Index).Value)).ToString
                    total = DataGridView2.Item(8,
DataGridView2.CurrentRow.Index).Value
                    total_nota = 0

                    For a = 0 To DataGridView2.RowCount - 1
                        total_nota = total_nota +
Val(DataGridView2.Item(8, a).Value)
                    Next

                    no_purchase_header1 = tgl + "-" + nama_supplier + "-"
+ no_nota + "-" + total_nota.ToString
```

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```vbnet
                        no_purchase_detail = tgl + "-" + nama_supplier + "-"
        + no_nota + "-" + total_nota.ToString + "-" + (i + 1).ToString

                        Try
                            koneksi = New OleDb.OleDbConnection
                            koneksi.ConnectionString = home.lokasi_database
                            koneksi.Open()
                            Dim mycommand As OleDbCommand
                            mycommand = New OleDbCommand("INSERT INTO
ms_purchase_detail VALUES ('" + no_purchase_detail.ToString + "','" +
no_purchase_header1 + "','" + department + "','" + no_item + "','" +
nama_item + "','" + qty + "','" + satuan + "','" + harga_satuan + "','" +
total + "')", koneksi)
                            mycommand.ExecuteNonQuery()
                            koneksi.Close()
                        Catch ex As Exception
                            MsgBox(home.pesan_error_connection_database + " "
+ ex.Message, MsgBoxStyle.Critical)
                        End Try
                    Next

                    'insert purchase header baru
                    Try
                        koneksi = New OleDb.OleDbConnection
                        koneksi.ConnectionString = home.lokasi_database
                        koneksi.Open()
                        Dim mycommand As OleDbCommand
                        Dim aa = tgl + "-" + nama_supplier + "-" + no_nota +
"-" + total_nota.ToString
                        mycommand = New OleDbCommand("INSERT INTO
ms_purchase_header VALUES ('" + aa + "','" + tgl + "','" + no_nota +
"','" + total_nota.ToString + "','" + nama_supplier + "','" + cash_credit
+ "','" + lunas_blm + "')", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                    End Try

                    home.Enabled = True
                    Me.Close()
                End If

            Else
                MsgBox(home.pesan_error_input, MsgBoxStyle.Critical)
                TextBox2.Select()
            End If
        End Sub
    End Class


Form Tukar Faktur

Imports System.Data.OleDb
Public Class Form_Tukar_Faktur
    Public koneksi As OleDbConnection

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
```

```vbnet
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
ms_purchase_header where lunas_blm ='Belum Lunas'", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs)
        Form_Detail_Tukar_faktur.Show()
    End Sub

    Private Sub Form_Tukar_Faktur_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        Label3.Text = home.Label3.Text
        Label5.Text = home.today("tampilan")
        home.Enabled = False
        CheckBox1.Checked = True
        dgvload()
    End Sub

    Private Sub login_logoff_button_Click_1(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub DataGridView1_CellClick(ByVal sender As Object, ByVal e
As System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellClick
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
ms_purchase_detail where no_purchase_header = '" + DataGridView1.Item(0,
DataGridView1.CurrentRow.Index).Value + "'", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView2.DataSource = dt
            koneksi.Close()
            DataGridView2.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try

        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
```

```vb
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
ms_purchase_header where no_purchase_header ='" + DataGridView1.Item(0,
DataGridView1.CurrentRow.Index).Value + "'", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try

        Button1.Enabled = True

        If TextBox2.Text = "" Then
            TextBox2.Text = DataGridView1.Item(4,
DataGridView1.CurrentRow.Index).Value
        Else
            If TextBox2.Text <> DataGridView1.Item(4,
DataGridView1.CurrentRow.Index).Value Then
                If MsgBox("PRINT?", MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

                    Tukar_Faktur.Show()
                End If
            End If
        End If
    End Sub

    Private Sub CheckBox1_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles CheckBox1.CheckedChanged
        Dim query

        If CheckBox1.Checked = True Then
            query = "select * from ms_purchase_header where lunas_blm
='Belum Lunas'"
        Else
            query = "select * from ms_purchase_header"
        End If

        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter(query, koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells

        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub
```

```vb
    Private Sub RadioButton1_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RadioButton1.CheckedChanged
        TextBox1.Enabled = True
        DateTimePicker1.Enabled = False
    End Sub

    Private Sub RadioButton2_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RadioButton2.CheckedChanged
        TextBox1.Enabled = False
        DateTimePicker1.Enabled = True
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()

            Dim sql_query = ""

            If RadioButton1.Checked Then
                sql_query = "select * from ms_purchase_header where
nama_supplier like '%" + TextBox1.Text + "%'"
            ElseIf RadioButton2.Checked Then
                sql_query = "select * from ms_purchase_header where tgl =
'" + DateTimePicker1.Text + "'"
            End If

            Dim da = New OleDbDataAdapter(sql_query, koneksi)
            Dim dt As New DataTable

            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells

        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub Button1_Click_1(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim mycommand As OleDbCommand
            Dim no_item = DataGridView1.Item(0,
DataGridView1.CurrentRow.Index).Value
            Dim tanggal = home.today("database")
            mycommand = New OleDbCommand("UPDATE ms_purchase_header SET
lunas_blm='Tukar Faktur-" + tanggal + "'WHERE no_purchase_header='" +
no_item + "'", koneksi)
            mycommand.ExecuteNonQuery()
            koneksi.Close()
```

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```
            DataGridView1.AutoSizeColumnsMode =
    DataGridViewAutoSizeColumnsMode.AllCells
            MsgBox("Sukses")
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles Button2.Click
        TextBox2.Text = ""
        Tukar_Faktur.Show()
    End Sub
End Class
```

Tukar Faktur

```
Imports System.Data.OleDb
Public Class Tukar_Faktur
    Public koneksi As OleDbConnection

    Private Sub Tukar_Faktur_Load(ByVal sender As System.Object, ByVal e
    As System.EventArgs) Handles MyBase.Load
        Dim tanggal = home.today("database")
        Label_tanggal.Text = home.today("tampilan")
        Label_kepada.Text = Form_Tukar_Faktur.DataGridView1.Item(4,
    Form_Tukar_Faktur.DataGridView1.CurrentRow.Index).Value

        Dim total_jumlah = 0
        Dim query = "select count (*) from ms_purchase_header where
    nama_supplier = '" + Label_kepada.Text + "' and lunas_blm = 'Tukar
    Faktur-" + tanggal + "' "
        Dim total_count = 0
        koneksi = New OleDb.OleDbConnection
        koneksi.ConnectionString = home.lokasi_database
        koneksi.Open()
        Dim command As New OleDbCommand(query, koneksi)
        Dim dataReader As OleDbDataReader = command.ExecuteReader()

        While dataReader.Read
            total_count = dataReader(0)
        End While

        koneksi.Close()
        Dim i

        For i = 0 To total_count - 1
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                Dim da = New OleDbDataAdapter("select * from
    ms_purchase_header where nama_supplier = '" + Label_kepada.Text + "' and
    lunas_blm = 'Tukar Faktur-" + tanggal + "' ", koneksi)
                Dim dt As New DataTable
                da.Fill(dt)
                DGV.DataSource = dt
```

```vbnet
                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
        MsgBoxStyle.Critical)
            End Try

            If i = 0 Then
                Label1a.Text = DGV.Item(2, i).Value
                Label1b.Text = DGV.Item(1, i).Value
                Label1c.Text = home.conversi_rupiah(DGV.Item(3,
        i).Value.ToString)
                total_jumlah += DGV.Item(3, i).Value
            End If

            If i = 1 Then
                Label2a.Text = DGV.Item(2, i).Value
                Label2b.Text = DGV.Item(1, i).Value
                Label2c.Text = home.conversi_rupiah(DGV.Item(3,
        i).Value.ToString)
                total_jumlah += DGV.Item(3, i).Value
            End If

            If i = 2 Then
                Label3a.Text = DGV.Item(2, i).Value
                Label3b.Text = DGV.Item(1, i).Value
                Label3c.Text = home.conversi_rupiah(DGV.Item(3,
        i).Value.ToString)
                total_jumlah += DGV.Item(3, i).Value
            End If

            If i = 3 Then
                Label4a.Text = DGV.Item(2, i).Value
                Label4b.Text = DGV.Item(1, i).Value
                Label4c.Text = home.conversi_rupiah(DGV.Item(3,
        i).Value.ToString)
                total_jumlah += DGV.Item(3, i).Value
            End If

            If i = 4 Then
                Label5a.Text = DGV.Item(2, i).Value
                Label5b.Text = DGV.Item(1, i).Value
                Label5c.Text = home.conversi_rupiah(DGV.Item(3,
        i).Value.ToString)
                total_jumlah += DGV.Item(3, i).Value
            End If

            If i = 5 Then
                Label6a.Text = DGV.Item(2, i).Value
                Label6b.Text = DGV.Item(1, i).Value
                Label6c.Text = home.conversi_rupiah(DGV.Item(3,
        i).Value.ToString)
                total_jumlah += DGV.Item(3, i).Value
            End If

            If i = 6 Then
                Label7a.Text = DGV.Item(2, i).Value
                Label7b.Text = DGV.Item(1, i).Value
                Label7c.Text = home.conversi_rupiah(DGV.Item(3,
        i).Value.ToString)
                total_jumlah += DGV.Item(3, i).Value
            End If
```

```vb
        If i = 7 Then
            Label8a.Text = DGV.Item(2, i).Value
            Label8b.Text = DGV.Item(1, i).Value
            Label8c.Text = home.conversi_rupiah(DGV.Item(3,
i).Value.ToString)
            total_jumlah += DGV.Item(3, i).Value
        End If

        If i = 8 Then
            Label9a.Text = DGV.Item(2, i).Value
            Label9b.Text = DGV.Item(1, i).Value
            Label9c.Text = home.conversi_rupiah(DGV.Item(3,
i).Value.ToString)
            total_jumlah += DGV.Item(3, i).Value
        End If

        If i = 9 Then
            Label10a.Text = DGV.Item(2, i).Value
            Label10b.Text = DGV.Item(1, i).Value
            Label10c.Text = home.conversi_rupiah(DGV.Item(3,
i).Value.ToString)
            total_jumlah += DGV.Item(3, i).Value
        End If

        If i = 10 Then
            Label11a.Text = DGV.Item(2, i).Value
            Label11b.Text = DGV.Item(1, i).Value
            Label11c.Text = home.conversi_rupiah(DGV.Item(3,
i).Value.ToString)
            total_jumlah += DGV.Item(3, i).Value
        End If

        If i = 11 Then
            Label12a.Text = DGV.Item(2, i).Value
            Label12b.Text = DGV.Item(1, i).Value
            Label12c.Text = home.conversi_rupiah(DGV.Item(3,
i).Value.ToString)
            total_jumlah += DGV.Item(3, i).Value
        End If

        If i = 12 Then
            Label13a.Text = DGV.Item(2, i).Value
            Label13b.Text = DGV.Item(1, i).Value
            Label13c.Text = home.conversi_rupiah(DGV.Item(3,
i).Value.ToString)
            total_jumlah += DGV.Item(3, i).Value
        End If

        If i = 13 Then
            Label14a.Text = DGV.Item(2, i).Value
            Label14b.Text = DGV.Item(1, i).Value
            Label14c.Text = home.conversi_rupiah(DGV.Item(3,
i).Value.ToString)
            total_jumlah += DGV.Item(3, i).Value
        End If

        If i = 14 Then
            Label15a.Text = DGV.Item(2, i).Value
            Label15b.Text = DGV.Item(1, i).Value
```

```vbnet
                        Label15c.Text = home.conversi_rupiah(DGV.Item(3,
    i).Value.ToString)
                        total_jumlah += DGV.Item(3, i).Value
                    End If

                    Label_total.Text =
    home.conversi_rupiah(total_jumlah.ToString)
                Next

                PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview
                PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Top = 0
                PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Bottom = 0
                PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Left = 0
                PrintForm1.PrinterSettings.DefaultPageSettings.Margins.Right = 0
                PrintForm1.Print(Me,
    PowerPacks.Printing.PrintForm.PrintOption.FullWindow)

                Me.Close()
            End Sub
        End Class
```

Form Sales EDC Report

```vbnet
Imports System.Data.OleDb
Public Class Form_Sales_EDC_Report
    Public koneksi As OleDbConnection

    Sub dgvload1()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from rek_bca_drh
    order by tgl_sales", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
    DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
        End Try
    End Sub

    Sub dgvload2()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from rek_bca_cv order
    by tgl_sales", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView2.DataSource = dt
            koneksi.Close()
            DataGridView2.AutoSizeColumnsMode =
    DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
```

```vb
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
            End Try
        End Sub

    Sub dgvload3()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from sales_cash order
    by tgl_sales", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView3.DataSource = dt
            koneksi.Close()
            DataGridView3.AutoSizeColumnsMode =
    DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
    MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
    ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs)
        TextBox1.Text = home.conversi_rupiah(TextBox1.Text)
        MsgBox(Val(TextBox1.Text))
    End Sub

    Private Sub Form_Sales_EDC_Report_Load(ByVal sender As System.Object,
    ByVal e As System.EventArgs) Handles MyBase.Load
        DateTimePicker1.Value = Date.Now
        DateTimePicker2.Value = Date.Now
        DateTimePicker3.Value = Date.Now
        DateTimePicker4.Value = Date.Now
        DateTimePicker5.Value = Date.Now
        Label3.Text = home.Label3.Text
        home.Enabled = False
        dgvload1()
        dgvload2()
        dgvload3()
        DateTimePicker1.Select()
    End Sub

    Function cek_ada_cash()
        Dim ada_cash = "0"
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand("select tgl_sales from
    sales_cash where tgl_sales = '" + DateTimePicker2.Text + "'", koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()
```

```vbnet
            While dataReader.Read
                ada_cash = dataReader(0)
            End While

            koneksi.Close()
        Catch ex As Exception
        End Try
        Return ada_cash
    End Function

    Function cek_ada_drh()
        Dim ada_drh = "0"
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand("select tgl_sales from
rek_bca_drh where tgl_sales = '" + DateTimePicker1.Text + "'", koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()

            While dataReader.Read
                ada_drh = dataReader(0)
            End While

            koneksi.Close()
        Catch ex As Exception
        End Try
        Return ada_drh
    End Function

    Function cek_ada_CV()
        Dim ada_CV = "0"
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand("select tgl_sales from
rek_bca_cv where tgl_sales = '" + DateTimePicker1.Text + "'", koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()

            While dataReader.Read
                ada_CV = dataReader(0)
            End While

            koneksi.Close()
        Catch ex As Exception
        End Try
        Return ada_CV
    End Function

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        If TextBox1.Text <> "0" Or TextBox2.Text <> "0" Or TextBox3.Text
<> "0" Or TextBox4.Text <> "0" Or TextBox5.Text <> "0" Then
            Dim ada_drh = 0
            ada_drh = cek_ada_drh()
            If ada_drh = 0 Then
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
```

```vbnet
                    Dim mycommand As OleDbCommand
                    Dim tgl_sales = DateTimePicker1.Text
                    Dim tgl_transfer = DateTimePicker3.Text
                    Dim kk_full = Label18.Text
                    Dim adm_kk = Label19.Text
                    Dim debit_full = Label20.Text
                    Dim adm_debit = Label21.Text
                    Dim nett = Label22.Text
                    mycommand = New OleDbCommand("INSERT INTO rek_bca_drh
VALUES ('" + tgl_sales + "','" + tgl_transfer + "','" + kk_full + "','" +
adm_kk + "','" + debit_full + "','" + adm_debit + "','" + nett + "')",
koneksi)
                    mycommand.ExecuteNonQuery()
                    koneksi.Close()
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
                End Try
            Else
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
                    Dim mycommand As OleDbCommand
                    Dim tgl_transfer = DateTimePicker3.Text
                    Dim kk_full = Label18.Text
                    Dim adm_kk = Label19.Text
                    Dim debit_full = Label20.Text
                    Dim adm_debit = Label21.Text
                    Dim nett = Label22.Text
                    mycommand = New OleDbCommand("UPDATE rek_bca_drh SET
tgl_trasnfer='" + tgl_transfer + "',kk_full='" + kk_full + "',adm_kk='" +
adm_kk + "',debit_full='" + debit_full + "',adm_debit='" + adm_debit +
"',nett='" + nett + "' WHERE tgl_sales='" + DateTimePicker1.Text + "'",
koneksi)
                    mycommand.ExecuteNonQuery()
                    koneksi.Close()
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try
            End If
        End If

        If TextBox6.Text <> "0" Or TextBox7.Text <> "0" Or TextBox8.Text
<> "0" Or TextBox9.Text <> "0" Or TextBox10.Text <> "0" Then
            Dim ada_cv = 0
            ada_cv = cek_ada_CV()
            If ada_cv = 0 Then
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()
                    Dim mycommand As OleDbCommand
                    Dim tgl_sales1 = DateTimePicker1.Text
                    Dim tgl_transfer1 = DateTimePicker4.Text
                    Dim kk_full1 = Label23.Text
                    Dim adm_kk1 = Label24.Text
                    Dim debit_full1 = Label25.Text
                    Dim adm_debit1 = Label26.Text
                    Dim nett1 = Label27.Text
```

```vbnet
                        mycommand = New OleDbCommand("INSERT INTO rek_bca_cv
VALUES ('" + tgl_sales1 + "','" + tgl_transfer1 + "','" + kk_full1 +
"','" + adm_kk1 + "','" + debit_full1 + "','" + adm_debit1 + "','" +
nett1 + "')", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
                    End Try
                Else
                    Try
                        koneksi = New OleDb.OleDbConnection
                        koneksi.ConnectionString = home.lokasi_database
                        koneksi.Open()
                        Dim mycommand As OleDbCommand
                        Dim tgl_transfer1 = DateTimePicker4.Text
                        Dim kk_full = Label23.Text
                        Dim adm_kk = Label24.Text
                        Dim debit_full = Label25.Text
                        Dim adm_debit = Label26.Text
                        Dim nett = Label27.Text
                        mycommand = New OleDbCommand("UPDATE rek_bca_cv SET
tgl_transfer='" + tgl_transfer1 + "',kk_full='" + kk_full + "',adm_kk='"
+ adm_kk + "',debit_full='" + debit_full + "',adm_debit='" + adm_debit +
"',nett='" + nett + "' WHERE tgl_sales='" + DateTimePicker1.Text + "'",
koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                    End Try
                End If

            End If

        dgvload1()
        dgvload2()
    End Sub

    Sub textbox_leave(ByVal lebel As Label, ByVal text_box As TextBox)
        If Val(text_box.Text) > 0 Then
            lebel.Text = text_box.Text
            text_box.Text = home.conversi_rupiah(text_box.Text)
        Else
            lebel.Text = "0"
            text_box.Text = "0"
        End If
    End Sub

    Private Sub TextBox1_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox1.Click
        TextBox1.SelectAll()
    End Sub

    Private Sub TextBox1_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox1.Leave
        textbox_leave(Label18, TextBox1)
    End Sub
```

```vbnet
        Private Sub TextBox2_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox2.Click
            TextBox2.SelectAll()
        End Sub

        Private Sub TextBox2_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox2.Leave
            textbox_leave(Label19, TextBox2)
        End Sub

        Private Sub TextBox3_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox3.Click
            TextBox3.SelectAll()
        End Sub

        Private Sub TextBox3_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox3.Leave
            textbox_leave(Label20, TextBox3)
        End Sub

        Private Sub TextBox4_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox4.Click
            TextBox4.SelectAll()
        End Sub

        Private Sub TextBox4_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox4.Leave
            textbox_leave(Label21, TextBox4)
        End Sub

        Private Sub TextBox5_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox5.Click
            TextBox5.SelectAll()
        End Sub

        Private Sub TextBox5_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox5.Leave
            textbox_leave(Label22, TextBox5)
        End Sub

        Private Sub TextBox6_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox6.Click
            TextBox6.SelectAll()
        End Sub

        Private Sub TextBox6_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox6.Leave
            textbox_leave(Label23, TextBox6)
        End Sub

        Private Sub TextBox7_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox7.Click
            TextBox7.SelectAll()
        End Sub

        Private Sub TextBox7_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox7.Leave
            textbox_leave(Label24, TextBox7)
        End Sub
```

```vbnet
        Private Sub TextBox8_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox8.Click
            TextBox8.SelectAll()
        End Sub

        Private Sub TextBox8_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox8.Leave
            textbox_leave(Label25, TextBox8)
        End Sub

        Private Sub TextBox9_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox9.Click
            TextBox9.SelectAll()
        End Sub

        Private Sub TextBox9_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox9.Leave
            textbox_leave(Label26, TextBox9)
        End Sub

        Private Sub TextBox10_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox10.Click
            TextBox10.SelectAll()
        End Sub

        Private Sub TextBox10_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox10.Leave
            textbox_leave(Label27, TextBox10)
        End Sub
        Private Sub TextBox15_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox15.Leave
            textbox_leave(Label32, TextBox15)
        End Sub

        Sub date_time_picker1_vale_change_n_fill_textbox(ByVal query As
    String, ByVal lebel As Label, ByVal text_box As TextBox)
            Dim command As New OleDbCommand(query, koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()

            While dataReader.Read
                text_box.Text = dataReader(0)
                textbox_leave(lebel, text_box)
            End While

        End Sub

        Private Sub DateTimePicker1_ValueChanged(ByVal sender As
    System.Object, ByVal e As System.EventArgs) Handles
    DateTimePicker1.ValueChanged
            Dim tgl = DateTimePicker1.Text
            Dim query = ""
            Dim ada_drh = 0
            ada_drh = cek_ada_drh()
            If ada_drh <> 0 Then
                Try
                    koneksi = New OleDb.OleDbConnection
                    koneksi.ConnectionString = home.lokasi_database
                    koneksi.Open()

                    query = "select tgl_transfer from rek_bca_drh where
    tgl_sales = '" + tgl + "'"
```

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```vb
                    Dim command As New OleDbCommand(query, koneksi)
                    Dim dataReader As OleDbDataReader =
command.ExecuteReader()

                    While dataReader.Read
                        Dim tahun = dataReader(0).ToString.Remove(4, 4)
                        Dim bulan = dataReader(0).ToString.Remove(6,
2).Substring(4)

                        Dim tanggal = dataReader(0).ToString.Substring(6)
                        DateTimePicker3.Value = bulan + "/" + tanggal + "/" +
tahun

                    End While

                    query = "select kk_full from rek_bca_drh where tgl_sales
= '" + tgl + "'"
                    date_time_picker1_vale_change_n_fill_textbox(query,
Label18, TextBox1)

                    query = "select adm_kk from rek_bca_drh where tgl_sales =
'" + tgl + "'"
                    date_time_picker1_vale_change_n_fill_textbox(query,
Label19, TextBox2)

                    query = "select debit_full from rek_bca_drh where
tgl_sales = '" + tgl + "'"
                    date_time_picker1_vale_change_n_fill_textbox(query,
Label20, TextBox3)

                    query = "select adm_debit from rek_bca_drh where
tgl_sales = '" + tgl + "'"
                    date_time_picker1_vale_change_n_fill_textbox(query,
Label21, TextBox4)

                    query = "select nett from rek_bca_drh where tgl_sales =
'" + tgl + "'"
                    date_time_picker1_vale_change_n_fill_textbox(query,
Label22, TextBox5)

                    koneksi.Close()
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try
            Else
                TextBox1.Text = "0"
                textbox_leave(Label18, TextBox1)
                TextBox2.Text = "0"
                textbox_leave(Label19, TextBox2)
                TextBox3.Text = "0"
                textbox_leave(Label20, TextBox3)
                TextBox4.Text = "0"
                textbox_leave(Label21, TextBox4)
                TextBox5.Text = "0"
                textbox_leave(Label22, TextBox5)
                DateTimePicker3.Value = Date.Now
            End If

            Dim ada_cv = 0
            ada_cv = cek_ada_CV()
            If ada_cv <> 0 Then
                Try
```

```vbnet
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()

            query = "select tgl_transfer from rek_bca_cv where
tgl_sales = '" + tgl + "'"
                Dim command As New OleDbCommand(query, koneksi)
                Dim dataReader As OleDbDataReader =
command.ExecuteReader()

                While dataReader.Read
                    Dim tahun = dataReader(0).ToString.Remove(4, 4)
                    Dim bulan = dataReader(0).ToString.Remove(6,
2).Substring(4)

                    Dim tanggal = dataReader(0).ToString.Substring(6)
                    DateTimePicker4.Value = bulan + "/" + tanggal + "/" +
tahun

                End While

                query = "select kk_full from rek_bca_cv where tgl_sales =
'" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label23, TextBox6)

                query = "select adm_kk from rek_bca_cv where tgl_sales =
'" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label24, TextBox7)

                query = "select debit_full from rek_bca_cv where
tgl_sales = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label25, TextBox8)

                query = "select adm_debit from rek_bca_cv where tgl_sales
= '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label26, TextBox9)

                query = "select nett from rek_bca_cv where tgl_sales = '"
+ tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label27, TextBox10)

                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try
        Else
            TextBox6.Text = "0"
            textbox_leave(Label23, TextBox6)
            TextBox7.Text = "0"
            textbox_leave(Label24, TextBox7)
            TextBox8.Text = "0"
            textbox_leave(Label25, TextBox8)
            TextBox9.Text = "0"
            textbox_leave(Label26, TextBox9)
            TextBox10.Text = "0"
            textbox_leave(Label27, TextBox10)
            DateTimePicker4.Value = Date.Now
```

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```vbnet
                    End If
                End Sub

            Private Sub Button1_Click_1(ByVal sender As System.Object, ByVal e As
        System.EventArgs) Handles Button1.Click
                If TextBox15.Text <> "0" Then
                    Dim ada_cash = 0
                    ada_cash = cek_ada_cash()
                    If ada_cash = 0 Then
                        Try
                            koneksi = New OleDb.OleDbConnection
                            koneksi.ConnectionString = home.lokasi_database
                            koneksi.Open()
                            Dim mycommand As OleDbCommand
                            Dim tgl_sales = DateTimePicker2.Text
                            Dim tgl_transfer = DateTimePicker5.Text
                            Dim cash = Label32.Text
                            mycommand = New OleDbCommand("INSERT INTO sales_cash
        VALUES ('" + tgl_sales + "','" + tgl_transfer + "','" + cash + "')",
        koneksi)
                            mycommand.ExecuteNonQuery()
                            koneksi.Close()
                        Catch ex As Exception
                            MsgBox(home.pesan_error_connection_database + " " +
        ex.Message, MsgBoxStyle.Critical)
                        End Try
                    Else
                        Try
                            koneksi = New OleDb.OleDbConnection
                            koneksi.ConnectionString = home.lokasi_database
                            koneksi.Open()
                            Dim mycommand As OleDbCommand
                            Dim tgl_transfer = DateTimePicker5.Text
                            Dim cash = Label32.Text
                            mycommand = New OleDbCommand("UPDATE sales_cash SET
        tgl_transfer='" + tgl_transfer + "',cash='" + cash + "'", koneksi)
                            mycommand.ExecuteNonQuery()
                            koneksi.Close()
                        Catch ex As Exception
                            MsgBox(home.pesan_error_connection_database,
        MsgBoxStyle.Critical)
                        End Try
                    End If
                End If
                dgvload3()
            End Sub

            Private Sub DateTimePicker2_ValueChanged(ByVal sender As
        System.Object, ByVal e As System.EventArgs) Handles
        DateTimePicker2.ValueChanged
                Dim tgl = DateTimePicker2.Text
                Dim query = ""
                Dim ada_cash = 0
                ada_cash = cek_ada_cash()
                If ada_cash <> 0 Then
                    Try
                        koneksi = New OleDb.OleDbConnection
                        koneksi.ConnectionString = home.lokasi_database
                        koneksi.Open()
                        query = "select tgl_transfer from sales_cash where
        tgl_sales = '" + tgl + "'"
```

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```vbnet
                        Dim command As New OleDbCommand(query, koneksi)
                        Dim dataReader As OleDbDataReader =
        command.ExecuteReader()

                        While dataReader.Read
                            Dim tahun = dataReader(0).ToString.Remove(4, 4)
                            Dim bulan = dataReader(0).ToString.Remove(6,
        2).Substring(4)

                            Dim tanggal = dataReader(0).ToString.Substring(6)
                            DateTimePicker5.Value = bulan + "/" + tanggal + "/" +
        tahun

                        End While

                        query = "select cash from sales_cash where tgl_sales = '"
        + tgl + "'"
                        date_time_picker1_vale_change_n_fill_textbox(query,
        Label32, TextBox15)

                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
        MsgBoxStyle.Critical)
                    End Try
                Else
                    TextBox15.Text = "0"
                    textbox_leave(Label32, TextBox15)
                    DateTimePicker5.Value = Date.Now
                End If
            End Sub

            Private Sub DataGridView1_CellContentClick(ByVal sender As
        System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs)
        Handles DataGridView1.CellContentClick
                Dim tanggal = DataGridView1.Item(0,
        DataGridView1.CurrentRow.Index).Value.ToString
                Dim yeartime = tanggal.Remove(4)
                Dim monthtime = tanggal.Substring(4).Remove(2)
                Dim datetime = tanggal.Substring(6)

                Me.DateTimePicker1.Value = monthtime + "/" + datetime + "/" +
        yeartime
            End Sub

            Private Sub DataGridView2_CellContentClick(ByVal sender As
        System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs)
        Handles DataGridView2.CellContentClick
                Dim tanggal = DataGridView2.Item(0,
        DataGridView2.CurrentRow.Index).Value.ToString
                Dim yeartime = tanggal.Remove(4)
                Dim monthtime = tanggal.Substring(4).Remove(2)
                Dim datetime = tanggal.Substring(6)

                Me.DateTimePicker1.Value = monthtime + "/" + datetime + "/" +
        yeartime
            End Sub

            Private Sub DataGridView3_CellContentClick(ByVal sender As
        System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs)
        Handles DataGridView3.CellContentClick
                Dim tanggal = DataGridView3.Item(0,
        DataGridView3.CurrentRow.Index).Value.ToString
```

```vbnet
        Dim yeartime = tanggal.Remove(4)
        Dim monthtime = tanggal.Substring(4).Remove(2)
        Dim datetime = tanggal.Substring(6)

        Me.DateTimePicker2.Value = monthtime + "/" + datetime + "/" +
yeartime
    End Sub
End Class
```

Form Sales Monthly

```vbnet
Imports System.Data.OleDb
Public Class Form_Sales_Monthly
    Public koneksi As OleDbConnection

    Function cek_ada()
        Dim ada_drh = "0"
        Dim tahun_bulan = ComboBox2.Text + ComboBox1.Text
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand("select tahun_bulan from
sales_monthly where tahun_bulan = '" + tahun_bulan + "'", koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()

            While dataReader.Read
                ada_drh = dataReader(0)
            End While

            koneksi.Close()
        Catch ex As Exception
        End Try
        Return ada_drh
    End Function

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from sales_monthly
order by tahun_bulan", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Sub textbox_leave(ByVal lebel As Label, ByVal text_box As TextBox)
        If Val(text_box.Text) > 0 Then
            lebel.Text = text_box.Text
            text_box.Text = home.conversi_rupiah(text_box.Text)
        Else
```

```vb
            lebel.Text = "0"
            text_box.Text = "0"
        End If
    End Sub

    Private Sub TextBox1_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox1.Click
        TextBox1.SelectAll()
    End Sub

    Private Sub TextBox1_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox1.Leave
        textbox_leave(Label17, TextBox1)
    End Sub

    Private Sub TextBox2_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox2.Click
        TextBox2.SelectAll()
    End Sub

    Private Sub TextBox2_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox2.Leave
        textbox_leave(Label18, TextBox2)
    End Sub

    Private Sub TextBox3_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox3.Click
        TextBox3.SelectAll()
    End Sub

    Private Sub TextBox3_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox3.Leave
        textbox_leave(Label19, TextBox3)
    End Sub

    Private Sub TextBox4_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox4.Click
        TextBox4.SelectAll()
    End Sub

    Private Sub TextBox4_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox4.Leave
        textbox_leave(Label20, TextBox4)
    End Sub

    Private Sub TextBox5_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox5.Click
        TextBox5.SelectAll()
    End Sub

    Private Sub TextBox5_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox5.Leave
        textbox_leave(Label21, TextBox5)
    End Sub

    Private Sub TextBox6_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox6.Click
        TextBox6.SelectAll()
    End Sub
```

```vbnet
    Private Sub TextBox6_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox6.Leave
        textbox_leave(Label22, TextBox6)
    End Sub

    Private Sub TextBox7_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox7.Click
        TextBox7.SelectAll()
    End Sub

    Private Sub TextBox7_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox7.Leave
        textbox_leave(Label23, TextBox7)
    End Sub

    Private Sub TextBox8_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox8.Click
        TextBox8.SelectAll()
    End Sub

    Private Sub TextBox8_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox8.Leave
        textbox_leave(Label24, TextBox8)
    End Sub

    Private Sub TextBox9_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox9.Click
        TextBox9.SelectAll()
    End Sub

    Private Sub TextBox9_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox9.Leave
        textbox_leave(Label25, TextBox9)
    End Sub

    Private Sub TextBox10_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox10.Click
        TextBox10.SelectAll()
    End Sub

    Private Sub TextBox10_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox10.Leave
        textbox_leave(Label26, TextBox10)
    End Sub

    Private Sub TextBox11_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox11.Click
        TextBox11.SelectAll()
    End Sub

    Private Sub TextBox11_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox11.Leave
        textbox_leave(Label27, TextBox11)
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub
```

```vbnet
    Sub date_time_picker1_vale_change_n_fill_textbox(ByVal query As
String, ByVal lebel As Label, ByVal text_box As TextBox)
    Dim command As New OleDbCommand(query, koneksi)
    Dim dataReader As OleDbDataReader = command.ExecuteReader()

    While dataReader.Read
        text_box.Text = dataReader(0)
        textbox_leave(lebel, text_box)
    End While
End Sub

Sub fill_textbox()
    Dim tahun_bulan = ComboBox2.Text + ComboBox1.Text
    Dim query = ""
    Dim ada_drh = 0
    ada_drh = cek_ada()
    If ada_drh <> 0 Then
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            query = "select Total_Collection from sales_monthly where
tahun_bulan = '" + tahun_bulan + "'"
            date_time_picker1_vale_change_n_fill_textbox(query,
Label17, TextBox1)

            query = "select Total_FOC from sales_monthly where
tahun_bulan = '" + tahun_bulan + "'"
            date_time_picker1_vale_change_n_fill_textbox(query,
Label18, TextBox2)

            query = "select Total_Collection_FOC from sales_monthly
where tahun_bulan = '" + tahun_bulan + "'"
            date_time_picker1_vale_change_n_fill_textbox(query,
Label19, TextBox3)

            query = "select Total_Voucher from sales_monthly where
tahun_bulan = '" + tahun_bulan + "'"
            date_time_picker1_vale_change_n_fill_textbox(query,
Label20, TextBox4)

            query = "select Total_Sales_Card from sales_monthly where
tahun_bulan = '" + tahun_bulan + "'"
            date_time_picker1_vale_change_n_fill_textbox(query,
Label21, TextBox5)

            query = "select Total_Sales_Cash from sales_monthly where
tahun_bulan = '" + tahun_bulan + "'"
            date_time_picker1_vale_change_n_fill_textbox(query,
Label22, TextBox6)

            query = "select Total_PB1 from sales_monthly where
tahun_bulan = '" + tahun_bulan + "'"
            date_time_picker1_vale_change_n_fill_textbox(query,
Label23, TextBox7)

            query = "select Total_Service_Charge from sales_monthly
where tahun_bulan = '" + tahun_bulan + "'"
            date_time_picker1_vale_change_n_fill_textbox(query,
Label24, TextBox8)
```

```vb
                query = "select Total_Beverage from sales_monthly where
tahun_bulan = '" + tahun_bulan + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label25, TextBox9)

                query = "select Total_Foods from sales_monthly where
tahun_bulan = '" + tahun_bulan + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label26, TextBox10)

                query = "select Total_Nett_Sales from sales_monthly where
tahun_bulan = '" + tahun_bulan + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label27, TextBox11)

                koneksi.Close()
            Catch ex As Exception
                MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
            End Try

        Else
            TextBox1.Text = "0"
            textbox_leave(Label17, TextBox1)
            TextBox2.Text = "0"
            textbox_leave(Label18, TextBox2)
            TextBox3.Text = "0"
            textbox_leave(Label19, TextBox3)
            TextBox4.Text = "0"
            textbox_leave(Label20, TextBox4)
            TextBox5.Text = "0"
            textbox_leave(Label21, TextBox5)
            TextBox6.Text = "0"
            textbox_leave(Label22, TextBox6)
            TextBox7.Text = "0"
            textbox_leave(Label23, TextBox7)
            TextBox8.Text = "0"
            textbox_leave(Label24, TextBox8)
            TextBox9.Text = "0"
            textbox_leave(Label25, TextBox9)
            TextBox10.Text = "0"
            textbox_leave(Label26, TextBox10)
            TextBox11.Text = "0"
            textbox_leave(Label27, TextBox11)
        End If
    End Sub

    Private Sub Form_Sales_Monthly_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        Label3.Text = home.Label3.Text
        home.Enabled = False
        dgvload()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        If ComboBox1.Text <> "" And ComboBox2.Text <> "" Then
            If TextBox1.Text <> "0" Or TextBox2.Text <> "0" Or
TextBox3.Text <> "0" Or TextBox4.Text <> "0" Or TextBox5.Text <> "0" Or
TextBox6.Text <> "0" Or TextBox7.Text <> "0" Or TextBox8.Text <> "0" Or
```

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```vbnet
TextBox9.Text <> "0" Or TextBox10.Text <> "0" Or TextBox11.Text <> "0"
Then
                        Dim ada_drh = 0
                        ada_drh = cek_ada()
                        If ada_drh = 0 Then
                            Try
                                koneksi = New OleDb.OleDbConnection
                                koneksi.ConnectionString = home.lokasi_database
                                koneksi.Open()
                                Dim mycommand As OleDbCommand
                                Dim tahun_bulan = ComboBox2.Text + ComboBox1.Text
                                Dim Total_Collection = Label17.Text
                                Dim Total_FOC = Label18.Text
                                Dim Total_Collection_FOC = Label19.Text
                                Dim Total_Voucher = Label20.Text
                                Dim Total_Sales_Card = Label21.Text
                                Dim Total_Sales_Cash = Label22.Text
                                Dim Total_PB1 = Label23.Text
                                Dim Total_Service_Charge = Label24.Text
                                Dim Total_Beverage = Label25.Text
                                Dim Total_Foods = Label26.Text
                                Dim Total_Nett_Sales = Label27.Text

                                mycommand = New OleDbCommand("INSERT INTO
sales_monthly VALUES ('" + tahun_bulan + "','" + Total_Collection + "','"
+ Total_FOC + "','" + Total_Collection_FOC + "','" + Total_Voucher +
"','" + Total_Sales_Card + "','" + Total_Sales_Cash + "','" + Total_PB1 +
"','" + Total_Service_Charge + "','" + Total_Beverage + "','" +
Total_Foods + "','" + Total_Nett_Sales + "')", koneksi)
                                mycommand.ExecuteNonQuery()
                                koneksi.Close()
                            Catch ex As Exception
                                MsgBox(home.pesan_error_connection_database + " "
+ ex.Message, MsgBoxStyle.Critical)
                            End Try

                        Else
                            Try
                                koneksi = New OleDb.OleDbConnection
                                koneksi.ConnectionString = home.lokasi_database
                                koneksi.Open()
                                Dim mycommand As OleDbCommand
                                Dim tahun_bulan = ComboBox2.Text + ComboBox1.Text
                                Dim Total_Collection = Label17.Text
                                Dim Total_FOC = Label18.Text
                                Dim Total_Collection_FOC = Label19.Text
                                Dim Total_Voucher = Label20.Text
                                Dim Total_Sales_Card = Label21.Text
                                Dim Total_Sales_Cash = Label22.Text
                                Dim Total_PB1 = Label23.Text
                                Dim Total_Service_Charge = Label24.Text
                                Dim Total_Beverage = Label25.Text
                                Dim Total_Foods = Label26.Text
                                Dim Total_Nett_Sales = Label27.Text

                                mycommand = New OleDbCommand("UPDATE
sales_monthly SET Total_Collection='" + Total_Collection +
"',Total_FOC='" + Total_FOC + "',Total_Collection_FOC='" +
Total_Collection_FOC + "',Total_Voucher='" + Total_Voucher +
"',Total_Sales_Card='" + Total_Sales_Card + "',Total_Sales_Cash='" +
Total_Sales_Cash + "',Total_PB1='" + Total_PB1 +
```

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```vbnet
                         "',Total_Service_Charge='" + Total_Service_Charge + "',Total_Beverage='"
                         + Total_Beverage + "',Total_Foods='" + Total_Foods +
                         "',Total_Nett_Sales='" + Total_Nett_Sales + "' WHERE tahun_bulan='" +
                         tahun_bulan + "'", koneksi)
                                      mycommand.ExecuteNonQuery()
                                      koneksi.Close()
                                 Catch ex As Exception
                                      MsgBox(home.pesan_error_connection_database,
        MsgBoxStyle.Critical)
                             End Try
                         End If
                         dgvload()
                     End If
                 Else
                     MsgBox("Select Bulan and Tahun", MsgBoxStyle.Critical)
                 End If
             End Sub

             Private Sub ComboBox1_Leave(ByVal sender As Object, ByVal e As
        System.EventArgs) Handles ComboBox1.Leave
                 Dim bulan = ComboBox1.Text
                 If bulan = "Januari" Then
                     ComboBox1.Text = "01"
                 ElseIf bulan = "Februari" Then
                     ComboBox1.Text = "02"
                 ElseIf bulan = "Maret" Then
                     ComboBox1.Text = "03"
                 ElseIf bulan = "April" Then
                     ComboBox1.Text = "04"
                 ElseIf bulan = "Mei" Then
                     ComboBox1.Text = "05"
                 ElseIf bulan = "Juni" Then
                     ComboBox1.Text = "06"
                 ElseIf bulan = "Juli" Then
                     ComboBox1.Text = "07"
                 ElseIf bulan = "Agustus" Then
                     ComboBox1.Text = "08"
                 ElseIf bulan = "September" Then
                     ComboBox1.Text = "09"
                 ElseIf bulan = "Oktober" Then
                     ComboBox1.Text = "10"
                 ElseIf bulan = "November" Then
                     ComboBox1.Text = "11"
                 ElseIf bulan = "Desember" Then
                     ComboBox1.Text = "12"
                 End If
             End Sub

             Private Sub ComboBox2_TextChanged(ByVal sender As Object, ByVal e As
        System.EventArgs) Handles ComboBox2.TextChanged
                 fill_textbox()
             End Sub

             Private Sub ComboBox2_SelectedIndexChanged(ByVal sender As
        System.Object, ByVal e As System.EventArgs) Handles
        ComboBox2.SelectedIndexChanged
                 fill_textbox()
             End Sub
```

```vbnet
    Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox1.SelectedIndexChanged
        Dim bulan = ComboBox1.Text
        If bulan = "Januari" Then
            ComboBox1.Text = "01"
        ElseIf bulan = "Februari" Then
            ComboBox1.Text = "02"
        ElseIf bulan = "Maret" Then
            ComboBox1.Text = "03"
        ElseIf bulan = "April" Then
            ComboBox1.Text = "04"
        ElseIf bulan = "Mei" Then
            ComboBox1.Text = "05"
        ElseIf bulan = "Juni" Then
            ComboBox1.Text = "06"
        ElseIf bulan = "Juli" Then
            ComboBox1.Text = "07"
        ElseIf bulan = "Agustus" Then
            ComboBox1.Text = "08"
        ElseIf bulan = "September" Then
            ComboBox1.Text = "09"
        ElseIf bulan = "Oktober" Then
            ComboBox1.Text = "10"
        ElseIf bulan = "November" Then
            ComboBox1.Text = "11"
        ElseIf bulan = "Desember" Then
            ComboBox1.Text = "12"
        End If
        fill_textbox()
    End Sub

    Private Sub ComboBox1_TextChanged(ByVal sender As Object, ByVal e As
System.EventArgs) Handles ComboBox1.TextChanged
        fill_textbox()
    End Sub

    Private Sub DataGridView1_CellContentClick(ByVal sender As
System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs)
Handles DataGridView1.CellContentClick
        Dim tanggal = DataGridView1.Item(0,
DataGridView1.CurrentRow.Index).Value.ToString
        Dim yeartime = tanggal.Remove(4)
        Dim monthtime = tanggal.Substring(4)

        Me.ComboBox2.Text = yeartime
        Me.ComboBox1.Text = monthtime
    End Sub
End Class
```

Form Sales Raptor Report

```vbnet
Imports System.Data.OleDb
Public Class Form_Sales_Raptor_Report
    Public koneksi As OleDbConnection

    Function cek_ada()
```

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```vbnet
        Dim ada_drh = "0"
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim command As New OleDbCommand("select tanggal from
sales_raptor_report where tanggal = '" + DateTimePicker1.Text + "'",
koneksi)

            Dim dataReader As OleDbDataReader = command.ExecuteReader()

            While dataReader.Read
                ada_drh = dataReader(0)
            End While

            koneksi.Close()
        Catch ex As Exception
        End Try
        Return ada_drh
    End Function

    Sub dgvload()
        Try
            koneksi = New OleDb.OleDbConnection
            koneksi.ConnectionString = home.lokasi_database
            koneksi.Open()
            Dim da = New OleDbDataAdapter("select * from
sales_raptor_report order by tanggal", koneksi)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            koneksi.Close()
            DataGridView1.AutoSizeColumnsMode =
DataGridViewAutoSizeColumnsMode.AllCells
        Catch ex As Exception
            MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
        End Try
    End Sub

    Sub textbox_leave(ByVal lebel As Label, ByVal text_box As TextBox)
        If Val(text_box.Text) > 0 Then
            lebel.Text = text_box.Text
            text_box.Text = home.conversi_rupiah(text_box.Text)
        Else
            lebel.Text = "0"
            text_box.Text = "0"
        End If
    End Sub

    Private Sub login_logoff_button_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles login_logoff_button.Click
        home.Enabled = True
        Me.Close()
    End Sub

    Private Sub TextBox1_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox1.Click
        TextBox1.SelectAll()
    End Sub
```

```vb
        Private Sub TextBox1_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox1.Leave
                textbox_leave(Label17, TextBox1)
        End Sub

        Private Sub TextBox2_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox2.Click
                TextBox2.SelectAll()
        End Sub

        Private Sub TextBox2_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox2.Leave
                textbox_leave(Label18, TextBox2)
        End Sub

        Private Sub TextBox3_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox3.Click
                TextBox3.SelectAll()
        End Sub

        Private Sub TextBox3_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox3.Leave
                textbox_leave(Label19, TextBox3)
        End Sub

        Private Sub TextBox4_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox4.Click
                TextBox4.SelectAll()
        End Sub

        Private Sub TextBox4_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox4.Leave
                textbox_leave(Label20, TextBox4)
        End Sub

        Private Sub TextBox5_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox5.Click
                TextBox5.SelectAll()
        End Sub

        Private Sub TextBox5_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox5.Leave
                textbox_leave(Label21, TextBox5)
        End Sub

        Private Sub TextBox6_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox6.Click
                TextBox6.SelectAll()
        End Sub

        Private Sub TextBox6_Leave(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox6.Leave
                textbox_leave(Label22, TextBox6)
        End Sub

        Private Sub TextBox7_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox7.Click
                TextBox7.SelectAll()
        End Sub
```

```vbnet
        Private Sub TextBox7_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox7.Leave
            textbox_leave(Label23, TextBox7)
        End Sub

        Private Sub TextBox8_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox8.Click
            TextBox8.SelectAll()
        End Sub

        Private Sub TextBox8_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox8.Leave
            textbox_leave(Label24, TextBox8)
        End Sub

        Private Sub TextBox9_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox9.Click
            TextBox9.SelectAll()
        End Sub

        Private Sub TextBox9_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox9.Leave
            textbox_leave(Label25, TextBox9)
        End Sub

        Private Sub TextBox10_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox10.Click
            TextBox10.SelectAll()
        End Sub

        Private Sub TextBox10_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox10.Leave
            textbox_leave(Label26, TextBox10)
        End Sub

        Private Sub TextBox11_Click(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox11.Click
            TextBox11.SelectAll()
        End Sub

        Private Sub TextBox11_Leave(ByVal sender As Object, ByVal e As
    System.EventArgs) Handles TextBox11.Leave
            textbox_leave(Label27, TextBox11)
        End Sub

        Private Sub Form_Sales_Raptor_Report_Load(ByVal sender As
    System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
            DateTimePicker1.Value = Date.Now
            Label3.Text = home.Label3.Text
            home.Enabled = False
            dgvload()
        End Sub

        Sub date_time_picker1_vale_change_n_fill_textbox(ByVal query As
    String, ByVal lebel As Label, ByVal text_box As TextBox)
            Dim command As New OleDbCommand(query, koneksi)
            Dim dataReader As OleDbDataReader = command.ExecuteReader()

            While dataReader.Read
                text_box.Text = dataReader(0)
                textbox_leave(lebel, text_box)
```

```vbnet
        End While
    End Sub

    Private Sub DateTimePicker1_ValueChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
DateTimePicker1.ValueChanged
        Dim tgl = DateTimePicker1.Text
        Dim query = ""
        Dim ada_drh = 0
        ada_drh = cek_ada()
        If ada_drh <> 0 Then
            Try
                koneksi = New OleDb.OleDbConnection
                koneksi.ConnectionString = home.lokasi_database
                koneksi.Open()
                query = "select Total_Collection from sales_raptor_report
where tanggal = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label17, TextBox1)

                query = "select Total_FOC from sales_raptor_report where
tanggal = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label18, TextBox2)

                query = "select Total_Collection_FOC from
sales_raptor_report where tanggal = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label19, TextBox3)

                query = "select Total_Voucher from sales_raptor_report
where tanggal = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label20, TextBox4)

                query = "select Total_Sales_Card from sales_raptor_report
where tanggal = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label21, TextBox5)

                query = "select Total_Sales_Cash from sales_raptor_report
where tanggal = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label22, TextBox6)

                query = "select Total_PB1 from sales_raptor_report where
tanggal = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label23, TextBox7)

                query = "select Total_Service_Charge from
sales_raptor_report where tanggal = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label24, TextBox8)

                query = "select Total_Beverage from sales_raptor_report
where tanggal = '" + tgl + "'"
                date_time_picker1_vale_change_n_fill_textbox(query,
Label25, TextBox9)
```

```
                    query = "select Total_Foods from sales_raptor_report
where tanggal = '" + tgl + "'"
                    date_time_picker1_vale_change_n_fill_textbox(query,
Label26, TextBox10)

                    query = "select Total_Nett_Sales from sales_raptor_report
where tanggal = '" + tgl + "'"
                    date_time_picker1_vale_change_n_fill_textbox(query,
Label27, TextBox11)

                    koneksi.Close()
                Catch ex As Exception
                    MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                End Try

            Else
                TextBox1.Text = "0"
                textbox_leave(Label17, TextBox1)
                TextBox2.Text = "0"
                textbox_leave(Label18, TextBox2)
                TextBox3.Text = "0"
                textbox_leave(Label19, TextBox3)
                TextBox4.Text = "0"
                textbox_leave(Label20, TextBox4)
                TextBox5.Text = "0"
                textbox_leave(Label21, TextBox5)
                TextBox6.Text = "0"
                textbox_leave(Label22, TextBox6)
                TextBox7.Text = "0"
                textbox_leave(Label23, TextBox7)
                TextBox8.Text = "0"
                textbox_leave(Label24, TextBox8)
                TextBox9.Text = "0"
                textbox_leave(Label25, TextBox9)
                TextBox10.Text = "0"
                textbox_leave(Label26, TextBox10)
                TextBox11.Text = "0"
                textbox_leave(Label27, TextBox11)
            End If
        End Sub

        Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
            If TextBox1.Text <> "0" Or TextBox2.Text <> "0" Or TextBox3.Text
<> "0" Or TextBox4.Text <> "0" Or TextBox5.Text <> "0" Or TextBox6.Text
<> "0" Or TextBox7.Text <> "0" Or TextBox8.Text <> "0" Or TextBox9.Text
<> "0" Or TextBox10.Text <> "0" Or TextBox11.Text <> "0" Then
                Dim ada_drh = 0
                ada_drh = cek_ada()
                If ada_drh = 0 Then
                    Try
                        koneksi = New OleDb.OleDbConnection
                        koneksi.ConnectionString = home.lokasi_database
                        koneksi.Open()
                        Dim mycommand As OleDbCommand
                        Dim tanggal = DateTimePicker1.Text
                        Dim Total_Collection = Label17.Text
                        Dim Total_FOC = Label18.Text
                        Dim Total_Collection_FOC = Label19.Text
                        Dim Total_Voucher = Label20.Text
```

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```vbnet
                        Dim Total_Sales_Card = Label21.Text
                        Dim Total_Sales_Cash = Label22.Text
                        Dim Total_PB1 = Label23.Text
                        Dim Total_Service_Charge = Label24.Text
                        Dim Total_Beverage = Label25.Text
                        Dim Total_Foods = Label26.Text
                        Dim Total_Nett_Sales = Label27.Text

                        mycommand = New OleDbCommand("INSERT INTO
sales_raptor_report VALUES ('" + tanggal + "','" + Total_Collection +
"','" + Total_FOC + "','" + Total_Collection_FOC + "','" + Total_Voucher
+ "','" + Total_Sales_Card + "','" + Total_Sales_Cash + "','" + Total_PB1
+ "','" + Total_Service_Charge + "','" + Total_Beverage + "','" +
Total_Foods + "','" + Total_Nett_Sales + "')", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database + " " +
ex.Message, MsgBoxStyle.Critical)
                    End Try

                Else
                    Try
                        koneksi = New OleDb.OleDbConnection
                        koneksi.ConnectionString = home.lokasi_database
                        koneksi.Open()
                        Dim mycommand As OleDbCommand
                        Dim tanggal = DateTimePicker1.Text
                        Dim Total_Collection = Label17.Text
                        Dim Total_FOC = Label18.Text
                        Dim Total_Collection_FOC = Label19.Text
                        Dim Total_Voucher = Label20.Text
                        Dim Total_Sales_Card = Label21.Text
                        Dim Total_Sales_Cash = Label22.Text
                        Dim Total_PB1 = Label23.Text
                        Dim Total_Service_Charge = Label24.Text
                        Dim Total_Beverage = Label25.Text
                        Dim Total_Foods = Label26.Text
                        Dim Total_Nett_Sales = Label27.Text

                        mycommand = New OleDbCommand("UPDATE
sales_raptor_report SET Total_Collection='" + Total_Collection +
"',Total_FOC='" + Total_FOC + "',Total_Collection_FOC='" +
Total_Collection_FOC + "',Total_Voucher='" + Total_Voucher +
"',Total_Sales_Card='" + Total_Sales_Card + "',Total_Sales_Cash='" +
Total_Sales_Cash + "',Total_PB1='" + Total_PB1 +
"',Total_Service_Charge='" + Total_Service_Charge + "',Total_Beverage='"
+ Total_Beverage + "',Total_Foods='" + Total_Foods +
"',Total_Nett_Sales='" + Total_Nett_Sales + "' WHERE tanggal='" + tanggal
+ "'", koneksi)
                        mycommand.ExecuteNonQuery()
                        koneksi.Close()
                    Catch ex As Exception
                        MsgBox(home.pesan_error_connection_database,
MsgBoxStyle.Critical)
                    End Try
                End If
                dgvload()
            End If
        End Sub
```

```vb
    Private Sub DataGridView1_CellContentClick(ByVal sender As
System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs)
Handles DataGridView1.CellContentClick
        Dim tanggal = DataGridView1.Item(0,
DataGridView1.CurrentRow.Index).Value.ToString
        Dim yeartime = tanggal.Remove(4)
        Dim monthtime = tanggal.Substring(4).Remove(2)
        Dim datetime = tanggal.Substring(6)

        Me.DateTimePicker1.Value = monthtime + "/" + datetime + "/" +
yeartime
    End Sub
End Class
```