# ABSTRACT

Daniel Mickey Krisnanto / 47150379 / Information System Strategic Planning for Increasing Competitive Advantage Using Ward and Peppard Method in Fons Vitae 2 High School / Advisor: Joko Susilo, S.Kom, M.M., M.Kom.

Fons vitae 2 high school is the refuge of the Catholic school under the marsudirini educational foundation. The school is already using the information system, but it's still self-contained and unintegrated. Using strategic planning information systems, it can help integrate and increase value when appropriate to the organization's vision, mission and goals.

Information system strategic planning uses ward and peppard methodology. In this method consists of several analytical techniques used. The analysis technique is divided into two parts, namely for internal and external needs. Internal analysis techniques consist of value chain analysis, SWOT analysis, SWOT matrix analysis. Whereas external analysis consists of PEST analysis and Porter's Five Force Competitive model analysis. Then the results of the analysis produce applications that can be used and are integrated. Writing the application uses McFarlan’s strategic grid method, or more commonly called a portfolio application.

The method in this study is a qualitative research method. Data collection by conducting interviews and direct observation, as well as collecting data from literature studies. The process of analyzing data is by the method of data reduction. Then present the data obtained correctly so it can be easily understood and provide conclusions from the results of the analysis of the data obtained.

The results of the analysis looking for the management needs of IS / IT, namely requiring skilled human resources in the information system in the school. With the existence of human resources who are experts in IS / IT can help organizations in implementing systems in managing their business processes properly. Strategic IS is the result of a portfolio that recommends to be used by Fons Vitae 2 High School. Following is the order of priority of its portfolio, namely Student Attendance IS, Student Registration and Admission, Academic IS, E-Learning, IS Inventory.

The conclusion of the analysis is the Fons Vitae 2 High School requires several applications that can be applied in teaching and learning in schools so that strategic planning must be accordance with the needs of the Marsudirini Fons Vitae 2 High School. With this strategic planning, it can move the focus on complate data collection into focus on making the right decisions and do not need to do repetitive work.

**Keywords**: Ward and Peppard, Strategic Planning, McFarlan Application Portfolios, Fons Vitae 2 High School, Information System.