# ABSTRACT

Ivan Imanuel / 59150092/ 2019 / Optical Character Recognition (OCR) Application To Input Thesis Titles and Abstracts (Case Study: Kwik Kian Gie Institute of Business and Informatics) / Advisor: Joko Susilo, S.Kom., M.M., M.Kom

Technology developments in Indonesia are currently advancing in life and cannot be avoided. The use of Artificial Intelligence in helping humans to deal with problems is growing. Human also use computer / smartphone media in this technology era. One of the uses is Optical Character Recognition.

This research is motivated by the problems in which the system running requires development in terms of technology, because of the system we did previously, was still manually input. This feature is also made to handle problems that will be faced in the future.

This research is made by using the React and OCR.Space API is used as a tool to do Recognition. Besides that the author also uses MySql database in making Prototype. The method that the researcher uses here is Prototyping, because this method is considered suitable in building new features.

Data collection and user services are done by doing an Unstructured interview with the Head of the Academic Administration Agency and Finance, Kwik Kian Gie Institute of Business and Information, observation in the library, which is to get the title and abstract format valid thesis, and literature studies such as reading books, journals and website as a supporting reference for this research.

This prototype is made to make it easier for students who have graduated so they don't need to come so far to the campus just to give a soft copy of the title and thesis abstract and help the Academic and Financial Administration Agency Kwik Kian Gie's Business and Informatics Institute in inputting title data and thesis abstracts that students give.

Keywords: Optical Character Recognition ( OCR ), Prototype, OCR.Space API, Cloud API.