

ABSTRACT

The development of the times affects information technology which is also growing rapidly which has a major impact on the business field. Enterprise Resource Planning (ERP) system is a system that has become an important component and can increase profits in a business. However, implementing ERP is a challenge that requires good planning and strategy. The problem that occurs in the Academic Unit is that there is no tracking of trial and judiciary administration so that periodic confirmation and tracking are needed when obstacles occur. ERP systems can allow integrating and facilitating ongoing business processes. One ERP system is the Odoo application which is a leading open-source platform at an affordable price. This application also offers several modules that can be used according to the company's business needs. This research applies the QuickStart method through three main stages with the aim of designing a prototype by integrating the business processes of the Academic Unit of the Faculty of Industrial Engineering, Telkom University using the Odoo platform. This research will produce design output that can overcome administrative obstacles and provide solutions for students, lecturers, and staff in managing final project trials and judiciary at the Faculty of Industrial Engineering, Telkom University.

Keywords — Enterprise Resource Planning (ERP), Odoo, QuickStart Methodology, Design.