

ABSTRACT

In Indonesia, the implementation of Enterprise Resource Planning (ERP) systems within the education sector, particularly in higher education institutions, is progressively increasing. However, information management, specifically regarding student data, has not yet achieved its optimal potential. The Faculty of Industrial Engineering at Telkom University is currently experiencing similar challenges. This Faculty lacks a system specifically designed to store data related to student competitions. This research aims to design an Enterprise Resource Planning (ERP) system using Odoo for the event, website, and expense modules, with the Quickstart method through black box testing and user acceptance testing. The objective of this study is to assist the Student Affairs Unit in recording student achievements, thereby establishing a database within the system capable of visualizing data, facilitating the publication of competition information, recording competition activities from the initial stages to announcements, and documenting the contributions of competition supervisors, as well as managing expenditures and funding applications for student competitions within the Faculty of Industrial Engineering.

Keywords — Enterprise resource planning (ERP), Odoo, Quickstart, Fakultas Rekayasa Industri