

ABSTRACT

This research aims to overcome the problem of the lack of an integrated system in the process of data collection and monitoring of Habis Masa Studi (HMS) students in the Academic Administration Service (LAA), Faculty of Industrial Engineering (FRI), Telkom University. Reliance on spreadsheets and separate communication between units causes inefficiency, risk of data errors, and delays in academic follow-up.

Using the Quickstart method approach and utilizing the Odoo ERP platform version 18, this research designs and configures an integrated system prototype. A needs analysis was conducted through Fit & Gap Analysis to determine the utilization of Employee Management module as a centralized data base and Discuss module as a documented communication medium.

The resulting prototype was tested using Blackbox Testing and User Acceptance Testing (UAT). The UAT results showed a high level of acceptance, with a score of 35 out of 43 points, reflecting ease of navigation, data accuracy, monitoring effectiveness, and increased efficiency of academic administration work. Thus, this system is proven to be able to answer the needs of managing HMS students more efficiently, structurally, and accurately.

Keywords: *Odoo, ERP, HMS Student, Academic Administration, Quickstart, UAT.*