

ABSTRACT

The Faculty of Industrial Engineering or commonly called FRI is one of the first faculties at Telkom University, FRI also has adequate laboratories for practicum courses in each study program. Laboratory assistants play an important role in running experiments, practicums and research projects, so the honorarium budget is crucial. The preparation of honorarium for laboratory and practicum assistants is still done uncomputationally, causing a lack of transparency.

This research aims to develop a more efficient and transparent honorarium management system for laboratory assistants and practicum assistants at the Faculty of Industrial Engineering, Telkom University. The developed system is based on the open source platform Odoo ERP version 15.0 by utilizing the Payroll module. Through the configuration of Odoo ERP, it is expected to minimize manual errors in honorarium calculations, improve data accuracy, and provide better transparency to all related parties. The system development method used is the Quickstart Methods Phase, which includes analysis, configuration, and testing stages.

The test results using the Blackbox Testing method and expert judgment show that the developed system has met the specified criteria, with an average index of 4 out of 5. This system is expected to be an effective solution in managing honorarium for laboratory assistants and practicum assistants in the academic environment.

Keywords - Odoo, Payroll, Honorarium, Enterprise Resource Planning (ERP), Faculty of Industrial Engineering (FRI)