

ABSTRACT

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PENGEMBANGAN MODUL APLIKASI E-TEKIND BERBASIS ODOO DI PT JAYA TEKNIK INDONESIA

During the Professional Work Internship (KP) at PT Jaya Teknik Indonesia, the intern was directly involved in the development and enhancement of the E-TEKIND application system based on Odoo 17. In this project, the intern developed six reporting modules for the ERP system using Odoo 17. The intern also updated the mobile applications E-TEKIND and CMMS Ticket, built with Flutter, to ensure compatibility with the latest Android version. Additionally, the intern developed a custom API module using CRUD methods with token authentication to support data integration between systems based on Odoo 17, particularly in the Purchase Order module. Challenges during the internship included adapting to new technologies such as Odoo 17, Flutter, and Postman. However, the learning-by-doing approach and guidance from the company's IT team enabled the intern to complete all tasks independently. The results of this internship highlight the importance of mastering up-to-date technologies and having technical readiness to support digital transformation in the company through ERP systems and mobile applications.

Keywords: ERP, Odoo, Flutter, API, Reporting