

ABSTRACT

PT. Mobilkom Telekomindo is a company that operates as a trunking radio operator and was established in 1993. PT. Mobilkom Telekomindo holds licenses for frequencies of 400 MHz and 800 MHz issued by the Indonesian government. The project-based business of PT. Mobilkom Telekomindo involves the procurement process for project needs. However, the administrative purchasing process takes several days, which can impact project implementation timelines. From various conducted projects, the administrative purchasing process has shown varying durations. The process typically takes 1-5 days to complete, with some instances exceeding the target duration of 2 days. The 2-day target is allocated to allow additional time for other project phases like quality control, assembly, installation, and addressing potential project issues. This analysis is based on input gathered from stakeholder interviews.

This research aims to enhance the business process using the business process improvement method and to design an integrated inventory management system at PT. Mobilkom Telekomindo to expedite the administrative purchasing process. The proposed solution is an Enterprise Resource Planning (ERP) system designed to streamline the procurement of goods. The research offers an initial blueprint that can be implemented at PT. Mobilkom Telekomindo.

The design serves as a foundation for considering improvements in the business process and simplifying the administrative purchasing process. The procurement process can be expedited through business process enhancements and the utilization of the Odoo system, which replaces non-value-added portions of the process with an integrated information system.

Key Words: *Business Process Improvement (BPI), Odoo, Rapid Applications Development*