

ABSTRACT

In the era of complex and rapidly changing modern business, companies strive to improve operational efficiency, resource management, and decision making. *Enterprise Resource Planning* (ERP) systems emerge as a solution to transform business processes, reduce manual tasks, improve operational control, and optimize real-time data-driven decision making. ERP integration allows all divisions within a company to collaborate more effectively, including PT Wisaka Jaya, a construction company active in national projects. ERP implementation, especially through the Odoo application, can help PT Wisaka Jaya overcome challenges in financial data management and maintain competitiveness in a dynamic market. This study aims to examine the implementation process of an Odoo-based ERP system using the Rapid Application Development (RAD) method that is in accordance with PT Wisaka Jaya's business *accounting* process, analyze financial report management using an Odoo-based ERP system, and investigate the integration between production, maintenance, purchasing, and marketing sales business processes. The results of the study are expected to provide a positive contribution to the effectiveness of PT Wisaka Jaya's financial and operational management.

Keywords – *Enterprise Resource Planning, Accounting, Integration, Odoo, Rapid Application Development.*