

## **ABSTRACT**

*PT. Intidaya Rajawali Mulia Rembang (Wings Group) is a well-known and trusted company in Indonesia. It has produced a wide range of products including household goods, personal care products, dishwashing soap, food, and beverages. PT. Intidaya Rajawali Mulia is a subsidiary of PT Wings. However, in its business operations, PT. Intidaya Rajawali Mulia still faces challenges in system integration across its processes. This results in delays in business processes and a lack of effectiveness in sharing the required data. These constraints also affect inventory management, leading to issues such as excess or insufficient stock.*

*Therefore, there is a need to develop an enterprise resource planning (ERP) system that can integrate the company's various business processes. This implementation can be achieved through the use of Odoo, a management software solution. Odoo is an open-source management system that is user-friendly and easily integratable. It comes in various forms, including web, desktop, and mobile applications. The software offers several advantages, such as a large community support, comprehensive and integrated modules, easy installation, and affordability. The process of designing the ERP warehouse management and sales management system involves a deep analysis of the current business processes and a comparison with the existing processes in the Odoo ERP system. Gap analysis and fit assessment are used as the foundation for developing proposed business processes that are aligned with the system.*

*The outcome of this research is the development of an Odoo ERP application that can address the challenges faced by PT. Intidaya Rajawali Mulia. With the implementation of this system, previously time-consuming business processes can be completed more quickly and efficiently. Additionally, the system can enhance the overall quality of business operations.*

*Keywords : ERP (enterprise resource planning, Odoo, warehouse management, sales management)*