

## ABSTRACT

The use of information technology has now become a concern for every company in running its business. Some companies have started to assume that information technology is not a part of a support activity, but has become an enabler for every business process in the company. ERP systems arise due to the information technology needs of the company as a solution in decision making. Basically, the ERP system is able to integrate, optimize, and coordinate with the entire functionality of the existing well within the company.

OpenERP is one of open source ERP system and consists of over 3572 modules that can be customized according to the company's business processes. OpenERP is free software license, cross-platform and web based. OpenERP module that used in this study is the warehouse management module. Warehouse management is regulating the activities of daily warehouse operations, starting from the receipt, checking, storage, retrieval, and delivery of goods.

As for the studies in this research is the design of warehouse management OpenERP module on finished goods warehouse PT. Primarindo Asia Infrastructure Tbk using RAD (Rapid Application Development). PT. Primarindo Asia Infrastructure, Tbk. is a company engaged in the manufacturing of shoes, especially sports shoes and produce in various categories and sizes. Finished goods warehouse in PT. Primarindo Asia Infrastructure is a warehouse that receives shoes from the production, check quality shoes, shoe store, and then send the shoes to the customer. Because of so many numbers of orders in a day and applications that are not well integrated, warehouse management system on the OpenERP is needed to help every business processes that exist in the finished goods warehouse.

Warehouse management system is able to optimize every business process that exist in the finished goods warehouse like a receipt good, delivery goods and receipt of returns goods and can be implemented easily because the procedures of customization and configuration system have been well documented in this study.

Keywords: ERP, OpenERP, *Warehouse Management*, *Finished Good*, *Rapid Application Development (RAD)*