ABSTRACT

IMPLEMENTATION OF ACCOUNTING & FINANCE MODULE USING ODOO APPLICATIONS WITH ENTERPRISE RESOURCE PLANNING ITERATIVE WATERFALL METHOD IN PT. ALBASIA NUSA KARYA

By

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PT. Albasia Nusa Karya is a manufacturing company who engaged at woodworking with the product is bare core which is a semi-finished goods, consisting of small pieces of wood glued to each other. PT. Albasia Nusa Karya is a large scale company which has a hundred employees and will continue to increase the number. One of the existing business processes at PT. Albasia Nusa Karya is in the accounting department. The business processes that exist within the company include the activity of recording and printing accounting reports of bare core material purchase albasia as well as corporate financial statements. PT. Albasia Nusa Karya already has a system to manage the accounting but it does not necessarily avoid the various problems that exist. The main problem in the accounting section is the absence of an integrated system between accounting, warehouse, and purchasing in a process of raw material procurement business. This makes the difference in transaction data and vulnerable to data duplication.

Development of Enterprise Resource Planning (ERP) system at PT. Albasia Nusa Karya was conducted to respond to the problem. The ERP system used is Odoo which is one of the best open source ERP software in the world. Development of ERP system at PT. Albasia Nusa Karya was made with Iterative Waterfall Methodology. This methodology can provide faster results, does not require a lot of information, and offers greater flexibility for the company.

ERP system built for PT. Albasia Nusa Karya aims to overcome the problems contained in the accounting so that business processes can be well integrated company. The accounting module contained in Odoo will help improve the accounting section of managing the creation and printing of better financial statements.

Keywords :Accounting, ERP, Odoo, Iterative Waterfall Methodology