

ABSTRACT

PT. Aretha Nusantara Farm is a company engaged in the field of broiler farms, the Company cooperates with chicken farmers in managing business process which is breeding broilers, the company work as investor and chicken farmers work as the ones who responsible to breed the broiler. The Company already has nine branch warehouses in West Java. Because the management of branch and central warehouses are not aligned then problems arise in procurement of goods, stock goods, and in financial management and distribution of goods. Furthermore, lack of data integration between central warehouse and branch warehouse resulted in many problems such as slow on decision-making in the enterprise business process activity and frequency of data discrepancies between the central warehouse's data and branch warehouse's data is high, as a result company is having a loss.

Based on the above explanation writer is conducted system design enterprise resource planning module-based purchasing and inventory Odoo nine by the method of Accelerated SAP (ASAP). In the design phase, researchers conducted a literature study, direct observation and designing the system based on the existing business processes and business processes on the system and then the emergence of business process proposals. Once there is a business process proposals , instalation , configuration, technical development, and manufacturing procedures for use of modules on Odoo 9 in purchasing and inventory modules are conducted. Then testing of the system is conducted such as data integration, user acceptance test and risk analysis to determine whether this development can be applied by the company.

The results of this study are purchasing and inventory ERP system on Odoo 9 which has been adapted to the business processes and conditions of the company. Therefore, it can overcome the problems associated with purchasing and inventory at PT. Aretha Nusantara Farm.

Keywords: ERP, purchasing, inventory, Odoo 9, ASAP