

ABSTRACT

Warehouse is a temporary storage for goods before manufacturing or distribution process. Although by definition looks simple, but in practice there a lot business activity that require a lot of resources. This area has become focus area for efficiency by the warehouse management to remain competitive. PT XYZ is a third party logistics company (3PL) that provides storage and delivery services for perishable goods, such as frozen food, meat, fishery, and agricultural commodities. As the company grow, the more data is managed and it is increasingly difficult to manage without using standardized system. Problem such as, slow process and inaccuracy of the inventory. This negatively impact the company. To remain competitive, PT XYZ needs a system that can assist the process of managing goods in the warehouse. Therefore, this research focus in designing and developin g a warehouse inventory management system. The research was conducted with qualitative approach and System Prototyping as a primary method of development. The final findings indicate that the system developed can support the process of managing goods and monitoring warehouse performance at PT XYZ.

Keywords—*Inventory Management System, System Prototyping, Warehouse*