

ABSTRACT

PT XYZ is one of the logistics service provider company or commonly known with 3PL (Third Party Logistic) that have a problem in managing order for warehousing service of its clients. One of the company that use PT XYZ warehousing service is PT DEF. Where there are documents reporting delays caused by unorganized order management, so the goods order shipment for PT DEF consignee get late.

Based on those problems, this research aims to develop an information system that can accommodate the entire order management activities, such as initiate orders, order status monitoring, documents management, and reporting management. Information system that developed is Order Management System (OMS). Based on the definition, features description, and review of journals or articles that discuss the OMS, the authors decided to use the concept of OMS as solutions that aim the problems of PT XYZ.

OMS developed by using iterative incremental methods. In the inception phase consists of the business modeling activities, requirements identification, analysis and design. In the elaboration phase consists of the requirements identification activities analysis and design and implementation. In the construction phase consists of the analysis and design activities, implementation, and testing. In the transition phase consists of the implementation and final testing. Each activities in each phase has different purpose related with OMS development iteratively.

Keywords: *Order Management System, PHP web application, Iterative Incremental Methods, Laravel Framework*