ABSTRACT

PT XYZ is a part of Samudera Indonesia Group which has provide logistic contract business services in Indonesia. One of PT XYZ's client for this business is PT DEF which produces any kind of household lamps and distribute it to their consigne for Jabodetabek and Central Java area. PT DEF used PT XYZ to help distribute their product into consigne with utilize the PT XYZ services, specifically for transporter and warehousing. In other side, PT XYZ use vendor which provide specific services like transportation cargo and warehouse logistic as same as PT DEF's order. In fact, the distribution is been delayed 84 % from total distribution in June and July caused miss coordination between vendor transporter and vendor warehousing about the distribution's document. Mostly the document is being brought back by transporter, so the distribution can not being proceed. In addition, PT XYZ is late in booking transport caused by less information of availability transport which the vendor has it.

The method which is used in building this VMS is iterative and incremental methods and web-based systems. In the iterative and incremental methods, VMS will go through the stages VMS business modelling, requirements, system analysis, system design, implementation, and testing. Framework is used in developing VMS use CodeIgniter Framework so as to facilitate.

Result of this research will be formed into a Vendor Management System which has functionality to support the management of PT XYZ business, especially for logistic contract business with PT DEF so that cost and delay time can be minimized.

Keywords: Vendor Management Sytem, Logistic Contract, Framework CodeIgniter*, Iterative Incremental Method.*