

ABSTRACT

PT XYZ is one of the logistics service provider company or commonly known with 3PL (Third Party Logistic) company in Indonesia. As the development of its business, PT XYZ requires a system that can manage the flow of information for warehousing services ordering process both inbound and outbound to help provide solutions for its customers. That information system is Order Management System (OMS). The procurement for OMS can be done in two ways, such as: in-house and outsource. However, in reality many systems development are delayed and even failed.

Therefore audit system development life cycle is needed to examine, supervise, and ensure that the development process runs well to avoid delays and even failure. In conducting the audit, there are some methodologies that can be used, one of them is risk based audit. This methodology aims to focusing the audit so that it can run effectively and efficiently.

The audit generally refers to a framework or standard, that commonly referred to the best practice. One of the best practices that are widely used in the system development audit is the *Control Objective for Information and Related Technology (COBIT)*. COBIT is a framework that created by ISACA. The latest version of COBIT is COBIT 5.

Keywords: system development life cycle audit, risk based audit, COBIT 5, order management system.