ABSTRACT

PQR is a e-commerce website that officially launched by PT XYZ on the end of 2013, which has motto "*Easy Shopping at Trusted Place*" where PQR provide a convenience shopping by offering trust about products that are sold on PQR. An e-commerce surely must be supported by front-end and back-end activities. One of back-end activies that is quite important is shipping and warehouse. Shipping is the products' delivery activity that ordered by customers to address to stated destinations and warehouse is a place to keep many kind of products. To provide the best shipping and warehouse service, it is necessary to design using enterprise architecture to describe a big concept of shipping and warehouse section.

TOGAF ADM is a open-source framework that helps in design of the Enterprise Architecture. TOGAF ADM uses to design process includes two parts : Preliminary Phase and Architecture Vision for PQR in general and Business Architecture, Information System Architecture that consists of Data Architecture and Application Architecture, and Technology Architecture for PQR in shipping and warehouse section.

The result of designing are SWOT analysis result, target of business model, artifacts of every phase from *Preliminary Phase* to *Technology Architecture*. With these results, PQR is expected to become core business of PT XYZ and give valuable shipping and warehouse services for customers.

Keywords : *Enterprise Architecture*, *E-Commerce*, *Shipping*, *Warehouse*, TOGAF ADM