ABSTRACT

Information Technology has developed increasingly rapidly. The use of Information Technology can increase the effectiveness and efficiency of business process activities of a company or organization. To ensure the use of IT in the company, Enterprise Architecture needs to be an integral part of the organization and supported by the organization as a whole. However, at PT XYZ there are still some problems and obstacles in the utilization of Information Technology as evidenced by the absence of business processes described in the IT Strategy and Architecture Unit of PT XYZ, thus creating clarity in assignments and responsibilities due to the lack of maximum utilization of Enterprise Architecture. Problems in IT implementation can be helped with the Enterprise Architecture design approach. Enterprise Architecture (EA) is designed using the TOGAF ADM 10 method. The design of EA starts with the Preliminary Phase to the Opportunities & Solution phase. The final result of this research is an Enterprise Architecture and IT Roadmap architecture design document that is useful to help solve the problems faced and can be a guide for proposed improvements that support the implementation and development of information technology systems that are suitable for the needs of the IT Strategy and Architecture Unit of PT XYZ.

Keywords: Enterprise Architecture, TOGAF, ADM, Information Technology, IT Roadmap