ABSTRACT

Information technology plays an important role in the success of companies in the digital era. Companies that can use information technology effectively and efficiently will have a competitive advantage. However, there are many obstacles related to the implementation of information technology such as weak digitalisation of enterprise architecture, low application version compability, and no determination of AO&BPO. so that enterprise architecture design is needed as a solution to the above problems. This research was conducted at PT. XYZ Information Technology Management Unit using the TOGAF ADM 10 framework. In this research, identifying and improving business processes that can increase the effectiveness and efficiency of the company. In designing TOGAF implementation, it starts from preliminary phase, architecture vision, business architecture, data architecture, application architecture, technology architecture, and opportunities and solution. Through this process, the resulting enterprise architecture and IT roadmap design aims to align information technology strategies and assist in achieving the company's business goals.

Keywords*- Information Technology, Enterprise architecture, Information Technology Management Unit, IT Roadmap, and TOGAF ADM.*