

ABSTRACT

Information technology is needed by companies in this digital era to facilitate business management and achieve company targets. Because of this, it is important for companies to build and develop their own internal systems, which can even be complex systems. In this study, the application of information technology will be designed at PT. XYZ is engaged in financial technology solutions. One of the divisions in PT. XYZ is a Human Capital unit, this division still has problems, namely the employee recruitment process is done manually, so the data is not fully integrated. This requires the right strategy in the use of information technology to solve the problem. One thing that can be done by companies is to use the Enterprise Architecture (EA) approach to support the implementation of corporate information systems evenly and provide alignment between business needs and the implementation of information technology. The design of enterprise architecture in this study uses TOGAF ADM version 9.2 in the preliminary phase, architecture vision, business architecture, information system architecture, technology architecture, and opportunities and solutions. Implementation of enterprise architecture in the Human Capital unit of PT. XYZ is expected to assist in supporting decision making, creating a planning map for change, and an overview of information technology business. The results of the research are in the form of blueprints that help solve problems and provide solutions and suggestions to companies.

Keywords: enterprise architecture, framework, TOGAF ADM, blueprint