

ABSTRACT

The increasing needs of the business functions are executed and the lack of planning of business strategy, especially in information systems within an enterprise is an issue in the development of a business strategy that is being developed at this time. Readiness proper use of e-learning in distance education is run at the University of Telkom, particularly already applied today in UPT PJJ as implementation units in the graduate program (S2) a solid foundation the need for implementation of the governance of information technology (IT governance) through strategic planning of information systems , To answer this challenge organizations must implement strategic planning by providing an enterprise architecture framework. Framework used for planning, designing and managing information systems in the form of a basic framework (blueprint) is TOGAF ADM (Architecture Development Method). Results of research conducted for the organization of the implementation of the framework TOGAF ADM is the basic framework of enterprise architecture with suggestions for improvements which should be developed further.

In the study also conducted testing of enterprise architecture using EA Scorecard framework, the results of tests carried out based on the results of questionnaires balanced EA scorecard which is a method of testing the EA Scorecard. The results obtained based on the calculation of the average of every aspect enteripse (business, information, information systems, information technology) is 75.85%. Based on the results of testing conducted EA Scorecard design was considered invalid because it exceeds > 50%, the rate can be improved by completing the testing component is lacking in EA Scorcard.

Keywords: Information systems strategic planning, IT governance, TOGAF ADM, UPT PJJ, Telkom University