

ABSTRACT

Issuance of the Ministry of National Education Strategic Plan for 2010-2014 encourages Indonesian Universities to become a World Class University. In response to the policy, Telkom Educational Foundation (Yayasan Pendidikan Telkom) is merging its various to become a World Class University. Several challenges and problems arise from this merger, one of which is strengthening the governance of the learning system where can be support by construction academic information system.

Construction and development of information systems should be in accordance with the organization's (enterprise) strategic direction. Enterprise architecture (EA) is the tool that can align IT strategy with organization's business strategy since the organization's business strategy is the foundation in developing information technology strategies. To implement Enterprise Architecture in Telkom University, as the research context, should adopt a framework that can be used on a complex information system.

TOGAF ADM provides a detailed method of how to build, manage, and implement enterprise architecture and information system called the Architecture Development Method (ADM). Planning Business and Technology Architecture at University Telkom is necessary to assist in building an integrated academic information system aligned with its business strategy. This can be achieved because ADM provides a guideline that can be the base of the construction and development of academic information system.

Keyword : Academic Information System, Enterprise Architecture, TOGAF ADM, Business Architecture, Technology Architecture