

ABSTRACT

IPDN as one of university under the auspices of Ministry of Internal Affairs, has important role in national education. In carrying out its academic process, IPDN already involve information technology to help the passage of the academic process. Implementation of SIAKAD is IPDN steps to improve the quality of academic activities in IPDN. In practice, the alignment between IT and the business strategy is a challenge in the implementation of SIAKAD.

Enterprise Architecture aims is to achieve alignment between IT and business processes, as well as planning and analysis capabilities of information systems in order to achieve the strategic objectives of the organization by designing the architecture in accordance with the needs of the business process. As a framework, TOGAF ADM provides methods and phases in detail how to design, build, and manage an enterprise architecture and information systems. TOGAF ADM has four main phases namely Business Architecture, Data Architecture, Application Architecture, Technology Architecture. Application Architecture design in this study generates target application architecture blueprint and roadmap components that can be a guideline in the future development of SIAKAD and other applications to improve academic process quality at IPDN.

Keywords : Enterprise Architecture, SIAKAD, TOGAF ADM, Application Architecture, IPDN