

ABSTRACT

The need of information systems and information technology (IS / IT) in running the business is develop much. Therefore, the information system should be designed well appropriate with system plan.

As government institution, IPDN has used information system as supporting organizational activity, that is Information System Academic (SIKAD) which is used as supporting media of improving academic services. Information system that is expected is a system which has suitability with the need of organizational, and match business strategy and IT in IPDN.

Most of problems are that author's authorization in business services is not clear. It happens because there is not mapping of business need, such as a clear business service, business function, and organizational unit, so there is not conformity between business strategy and IT on organization. That is way, an organization like IPDN should be implemented Enterprise Architecture.

Designing Enterprise Architecture in IPDN uses framework TOGAF ADM. Using TOGAF ADM in designing this is because ADM has flexible characteristic and iterative, and ADM is a framework which is appropriate to be implemented on organization which does not have EA. TOGAF ADM has 9 steps started from Preliminary to Architecture Change Management. This designing start from Preliminary, Architecture Vision and Business Architecture which will generate a blueprint. In doing this design, MEGA Suite is used as a tool for generating deliverable like diagram, catalog, and matrices.

The designing business architecture in IPDN is expected to be able to minimize most of problems about author's authorization in running connectivity and business service.

Keywords : *Enterprise Architecture, Business Architecture, TOGAF ADM, IPDN, SIKAD.*