

ABSTRACT

Rumah Sakit Muhammadiyah Bandung (RSMB) is an organization that uses information technology in the development of its organization. RSMB is an organization engaged in health services. Emergency Installation (IGD) is a work unit that runs the hospital's main business processes in providing first-line treatment to patients. While the laboratory work unit is a work unit whose activities are diagnosis of disease, healing illness and health restoration. In carrying out its business activities, RSMB has not owned Enterprise Architecture (EA) but has implemented SIMRS developed by the IT work unit itself. For some working units in RSMB has implemented SIMRS, including the function of IGD and laboratory in improving the productivity of the performance and business process at the Hospital. In fact, SIMRS that has been created has not fully supported existing business processes and inadequate technological infrastructure. With these problems resulted in the implementation of SIMRS not yet optimal. Seeing the problem is required design of enterprise architecture is good and precise. In designing EA required a framework. In this research, the framework used is TOGAF ADM. TOGAF ADM is chosen because of the generic method that contains a set of activities used in modeling the development of enterprise architecture.

Keywords: TOGAF, enterprise architecture, hospital