

## **ABSTRACT**

*Hospitals are a complex public sector. With the level of complexity of the hospital requires a system for business processes to run effectively and efficiently. One of the alternatives that can be used is to implement Information Technology (IT).*

*Rumah sakit Muhammadiyah Bandung has implemented SIMRS developed by the IT department to support business process. Implementation of SIMRS has been implemented in every function of hospital work. But in the implementation of SIMRS in Rumah sakit Muhammadiyah Bandung its use has not been optimal. In dealing with these problems, it is necessary to design a good Enterprise Architecture (EA) in order to align SIMRS requirements with existing business processes. However, the current Rumah sakit Muhammadiyah Bandung does not have EA design that can be used as a reference in the implementation of SIMRS. Therefore it is necessary to make the design of EA for Rumah sakit Muhammadiyah Bandung as the basis for implementing SIMRS. In designing EA requires a framework. The framework used in this study is TOGAF which applies the TOGAF ADM method, because TOGAF is a generic method that contains a set of activities used in modeling the development of an EA. In this research, the design of enterprise architecture on the function of outpatient and nutrition in Rumah sakit Muhammadiyah Bandung using TOGAF ADM. The design is done until the phase of Migration Planning.*

*Keyword : Enterprise Architecture, TOGAF ADM and Hospital.*