

ABSTRACT

DESIGN OF ENTERPRISE ARCHITECTURE IN SUPPORT SERVICES OF BHAKTI WIRA TAMTAMA HOSPITAL USING TOGAF ADM

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Hospitals are a complex public sector. With its level of complexity, hospitals need a system so that business processes can run effectively and efficiently. one alternative that can be used is to implement Information Technology (IT). Bhakti Wira Tamtama Hospital has implemented SIMRS which was developed by the IT department to support business processes. SIMRS implementation has been implemented in every hospital work function. However, in the implementation of SIMRS at the Bhakti Wira Tamtama hospital, its use is not optimal. In overcoming these problems, it is necessary to design a good Enterprise Architecture (EA) in order to align the SIMRS requirements with existing business processes. However, currently the Bhakti Wira Tamtama hospital does not yet have an EA design that can be used as a reference in the implementation of SIMRS. Therefore, it is necessary to make an EA design for Bhakti Wira Tamtama hospital as a 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 Enterprise Architecture design in the field of support services at the Bhakti Wira Tamtama hospital was carried out using TOGAF ADM.

Keyword: SIMRS, TOGAF ADM, Enterprise Architectur