

ABSTRACT

The problems found at Hermina Hospital are recording health data that is not effective and efficient because the number of administrative applications is too much so that the recorded data overlaps and the distribution of data in various existing applications and has different standards so that it is not easy to integrate and cannot be utilized, another problem in the medical support function of Hermina Hospital is that the updates made have not been properly documented and there is no repository to store existing data and updates. Based on the results of the ACMM assessment, it is known that the maturity of Hermina Hospital in implementing enterprise architecture is still low so that the right enterprise architecture design is needed to help develop the hospital in accordance with the vision, mission, and strategy of the hospital in achieving its goals. In designing Enterprise Architecture, a framework is needed as a work guide to make it easier to design alignment between information technology and business goals. The framework used is TOGAF ADM 9.2. The method used in this research is a qualitative method through data collection and analysis obtained from interviews with sources, then by direct observation to Hermina hospital and conducting evaluations supported by literature studies. Enterprise architecture design research conducted at Hermina Hospital resulted in IT Roadmap and enterprise architecture tools & repository recommendations. Enterprise architecture design research at Hermina Hospital which initially identified ACMM has a value of 1.2 rose to 3 after the implementation of enterprise architecture in accordance with the desired target.

Keywords: *Hermina Hospital, hospital, medical support, enterprise architecture, TOGAF ADM, ACMM*