

ABSTRACT

Depok City Regional Public Hospital (RSUD) is a health-care facility that prioritizes healing and recovery while also aiming to establish a community referral system. A system called the Hospital Management Information System (SIMRS) that can integrate the whole hospital service process is required to improve service quality. This is in accordance with Minister of Health Regulation Number 82 of 2013, which states that every hospital is required to adopt SIMRS to support the entire hospital service process. SIMRS has been implemented in Depok City Regional Public Hospital, however not to its full potential. Several issues were discovered while adopting SIMRS at Depok City Hospital, including the length of the patient registration service process at the hospital, the referral system not being integrated with the hospital SIMRS, and the use of electronic signatures being challenging.

Enterprise Architecture design is one solution for aligning information technology deployment with the demands of business operations in order to meet corporate goals. The goal of this research was to create the Enterprise Architecture of Depok City Regional Public Hospital with an emphasis on medical services. The TOGAF ADM framework is used for Enterprise Architecture design. TOGAF ADM steps were completed begin with the preliminary phase, architecture vision, business architecture, information systems architecture, technology architecture, and opportunities and solutions. The results of this research represent the current condition of the Depok City Regional Public Hospital's business architecture, data, applications, and technology, as well as the architectural targets that may be used to meet the hospital's goals.

Keywords— *SIMRS, Enterprise Architecture, TOGAF ADM, Regional Public Hospital, Medical Services*