

ABSTRACT

Information technology continues to develop in various sectors, including the government sector. By utilizing information technology, government activities can run more effectively and efficiently. The application of information technology will assist the government in processing information which is then provided as a service, both government administration, and public services. The use of IT in the government sector is becoming a concern in Indonesia with the guidelines for an Electronic-Based Government System regulated in Presidential Regulation No. 95 of 2018. With the SPBE, achieving the vision and mission and achieving targets for each province in Indonesia is faster and easier. The Department of Housing and Settlements (Disperkim) of West Java Province is one of the regional apparatus organizations that must meet the SPBE provisions. Disperkim of West Java Province has 4 (four) operating fields, namely the housing sector, the residential area sector, the settlement infrastructure sector, and the land sector. The four fields carry out their duties and functions to achieve the goal, namely the fulfillment of the target of achieving service quality in residential housing affairs as stated in the leading performance indicators of the Disperkim of West Java Province. However, recently there are leading performance indicators that do not meet the target, namely, the quality of residential areas caused by the ineffective use of information technology in implementing operational activities in residential area affairs. By implementing the SPBE architectural design based on TOGAF ADM, which includes the domains of business architecture, data architecture, application architecture, and technology architecture, this research will produce a blueprint for the SPBE architecture as a solution to solving these problems as well as planning for the improvement of Disperkim of West Java Province operational activities. In this study, we will utilize a one-stop target application for public services in West Java Province: the Web-based Integrated Portal Jabar application and the Sapawarga mobile application.

Keywords: SPBE, Enterprise Architecture, Disperkim of West Java Province, TOGAF ADM.