

## **ABSTRACT**

*Electronic Based Government System (SPBE) is one of the government operations by utilizing information and communication technology to provide services to the public. SPBE is a new chapter for governance or government management in Indonesia. With the presence of Presidential Regulation No. 95 of 2018, all government agencies are required to implement SPBE or better known as e-government. The West Java Provincial Health Office is a government agency engaged in the health sector at the provincial level, therefore the West Java Provincial Health Office must comply with Presidential Regulation No.95 of 2018. One of the efforts to implement SPBE is to carry out architectural designs so that the application of SPBE can be in accordance with the objectives and problems at hand. In this study, the West Java Health Office does not yet have an architectural design as a reference for implementing information systems, especially for integrating the use of information systems with business processes, not only in general but also in functions, one of which is the Health Resource Function. Therefore, it is necessary to design an Enterprise Architecture to be a success factor in implementing SPBE. In this study, an overall Enterprise Architecture design was carried out on the function of health resources in the West Java Health Office. So that the SPBE implementation can produce output that is in accordance with procedures, is clear, and measurable. This Enterprise Architecture design uses TOGAF ADM version 9.1. TOGAF ADM has 9 phases in designing Enterprise Architecture, in this study only Enterprise Architecture design will be carried out in the Preliminary Phase, Architecture Vision, Business Architecture, Information System Architecture, and Technology Architecture phases. The results of this research are the development of 7 business processes from 10 existing business processes, data integration, designing SISDMK and E-Logistics target applications, adding servers to support target applications, and application integration with external applications.*

*Keywords: SPBE, TOGAF ADM, Enterprise Architecture, Health Resources, West Java Health Office*