

ABSTRACT

According to Regional Regulation No.23 of 2014 Article 386 to Article 390 which requires all institutions to adopt architectural designs to bring up architectural innovations. A smart city is a concept of the application, development, and implementation of technology that is applied to a region (especially urban area) as a complex interaction between the various systems in it. One important development area to be developed is the health sector. In UUD RI article 28 H and 28 I that the state must guarantee the lives of all its citizens, include by providing appropriate services such as health services.

The Bandung City Health Office is a Regional Autonomy Service that is structurally entirely within the authority of the regional government. As a government organization, the Bandung City Health Office has used information technology to help health services, but not without obstacles and there are still many complaints. One of the objectives of implementing enterprise architecture is to create harmony between business and information technology for organizational needs, the application of enterprise architecture can not be separated from how an organization plans and designs the enterprise architecture.

This study aims to design an enterprise architecture in health functions inside Community Health Centers (Indonesian: Puskesmas) management system based on the Smart City based on the TOGAF ADM framework, so that it is expected to help the city government work program in realizing smart city and business activities that currently run can be supported by information systems so as to increase satisfaction Bandung City communitys.

Based on the results of research on public health functions at the Bandung City Health Office obtained a design or blueprint that focuses on the preliminary phase, architecture vision, business architecture, system architecture, information technology, opportunities and solutions, and migration planning.

Keywords: Smart City, Enterprise Architecture, TOGAF ADM, Health Office