ABSTRACT

The Bandung City Health Office is one of the government agencies that has the responsibility to carry out government affairs in the health sector. The Health Office also has a health care sector that supports its business activities. One of the missions of the Health care is to improve public health cares that are complete, evenly distributed, of good quality, and affordable. In realizing this mission, the Health Office must improve health cares carried out by the Health care Sector by supporting business and infrastructure aspects. For this reason, it is necessary to design an enterprise architecture that can assist companies in aligning the application of information technology with ongoing business activities.

The design of this enterprise architecture focuses on the Health care Field of the Bandung City Health Office using TOGAF ADM. This enterprise architecture design uses TOGAF ADM because it is detailed and provides an architecture that is easy to understand. In TOGAF ADM, it presents several phases such as the preliminary phase, the architecture vision phase, the business architecture phase, the data architecture phase, the application architecture phase, the technology architecture phase, and the opportunities and solutions phase and from each phase will produce several artifacts in the form of diagrams, catalogs, and matrix. This research will be carried out until the opportunities and solutions phase by describing the existing conditions and the proposed target conditions. So that the results of this study are in the form of a blueprint that describes the proposal in accordance with business needs, and an IT Roadmap that becomes a reference for the implementation of the proposal that has been designed as a form of improving health cares by the Health care Division of the Bandung City Health Office.

Keywords— **enterprise, architecture, information technology, TOGAF ADM, blueprint, Roadmap**