ABSTRACT

The Electronic-Based Government System (SPBE) is a form of government administration that utilizes information and communication technology to provide services to SPBE users. The SPBE concept in its development is divided into six domains, namely business architecture, data architecture, service architecture, infrastructure architecture, application architecture and security architecture. Business architecture is one of the important domains that becomes a synchronization process to connect business needs with tasks and functions. The business element generated by the business architecture is the business process map.

In government agencies, business architecture optimizes business functions so that they can adapt to business changes, especially aligning the main tasks and functions of each unit in accordance with the Electronic-Based Government System (SPBE) guidelines in order to model the appropriate business process map. The government agency referred to in this case is the field of Management Information Systems (SIM) of the DKI Jakarta Province Communication, Information and Statistics Agency (DISKOMINFOTIK).

Guided by the application of the Electronic-Based Government System (SPBE) and paying attention to the business architecture domain that is adapted to the Enterprise Architecture (EA) method in order to produce output in the form of business process architecture modeling as expected

Because the object in this study is the Management Information System (SIM) Department of Communication, Information and Statistics (DISKOMINFOTIK) DKI Jakarta Province in carrying out its functions is still not optimal starting from the formulation to the implementation of policies and business processes that are in accordance with the scope of work so that in every the activities that occur are still experiencing overlapping business functions.

These errors can have a bad impact in the long term if a solution is not immediately given, because it will make the realization of actions or business activities inappropriate. In order to realize the implementation of functions according to their scope of work, it is necessary to redefine the business architecture in order to produce outputs in the form of business process architecture modeling in accordance with the SPBE guidelines, as well as using the Enterprise Architecture (EA) approach in order to produce alignment and insight regarding current and expected conditions.

Business process architecture modeling can be generated if the business architecture has been defined. In making this business process architecture modeling using Bizagi Modelar tools. The result of this final project is to produce a business process architecture model that includes a map of business processes, main business processes and cross-functional business processes that exist in the Management Information System (MIS) section of the DKI Jakarta Province Communication, Information and Statistics Office (DISKOMINFOTIK).

*Keywords—**information system, business architecture, business process, SPBE, enterprise architecture***