

ABSTRACT

ANALYSIS AND DESIGN OF ONE DATA ARCHITECTURE IN MANDATORY FUNCTIONS NOT RELATED TO BASIC SERVICES USING TOGAF ADM IN THE REGIONAL GOVERNMENT OF WEST JAVA PROVINCE

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The role of technology is very important to help all business activities of an organization to achieve goals. In the development of technology, an Enterprise Architecture method is needed that benefits an organization, namely Standardization, Transparency and alignment of information technology with business strategies within an organization.

The West Java Regional Government is one of the many government agencies that have used IT to carry out their business activities. One data is used to encourage policy-based decision-making. To realize this data, it is necessary to fulfill government data that is accurate, open and can be operated. So that data utilization in government is not only limited to internal use between agencies, but also can meet the needs of the community. An organization must be able to adjust to the development of increasingly rapid information technology, information technology can help support the company's business activities. In carrying out its business activities the Regional Government of West Java is supported by several agencies in West Java.

Enterprise Architecture is one method to harmonize the company's business needs and use of information technology. In the EA there is a framework that is used as a reference for designing architecture, namely TOGAF ADM. In the TOGAF ADM method consists of 9 phases, but in this study only 5 phases of design, namely Preliminary phase, architecture vision, business architecture, information systems architecture (Data and Application), technology architecture. The final result with the resulting output in the form of architectural design in the form of a blueprint, is expected to be a reference or basis for the JABAR Provincial Government in developing information technology to support business activities.

Keywords: Enterprise Architecture, TOGAF ADM, one West Java Regional Government data, blueprint.