

ABSTRACT

DESIGN AND DEVELOPMENT OF ENTERPRISE ARCHITECTURE MODEL USING TOGAF FRAMEWORK (CASE STUDY: DINKOMINFO BANYUMAS)

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The Banyumas Communication and Information Office is a government organization that plays an important role in assisting the regent with tasks related to governance in the fields of communication and information, statistics, and cryptography. Dinkominfo has provided various services to every government unit that requires technology services. Dinkominfo also has applications or systems used internally to support the organization's operations, such as Banyumaskab, Srikandi Nasional, and Lapak Aduan. Meanwhile, currently, the process of payroll, leave, overtime, telecommunication network submission, and system submission from OPDs that require it are still done manually. In addition, there are service procedures provided by Dinkominfo Banyumas especially in the Aptika field such as sub-domain registration, sub-domain access rights request, and application development or development are still done manually through physical correspondence. These service procedures will later become the focus of the research. Therefore, to overcome these problems, an enterprise architecture design is needed, one of which uses the TOGAF ADM 9.2 method. The design of this enterprise architecture is intended to align business strategy, IS/IT strategy, identify and develop service development patterns that support government work systems by ensuring full integration and centralization in Dinkominfo Banyumas. This research produces a blueprint document containing business architecture, application requirements architecture, technology requirements architecture, priorities of proposed recommendations, and gap analysis of current and future conditions.

Keywords: *Architecture, ADM, Enterprise, TOGAF*