

ABSTRACT

ENTERPRISE ARCHITECTURE AS SMART VILLAGE DEVELOPMENT STRATEGY IN THE VILLAGE SERVICES DIMENSION (HEALTH SERVICES) USING TOGAF 9.2: STUDY CASE A VILLAGE IN SPECIAL REGION OF YOGYAKARTA

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The implementation of the Smart Village concept is an advanced implementation of a Smart City because it has different characteristics between urban and rural areas. The Smart Village concept's purpose is to improve public services based on information systems within the village government. In addition, the application of the Smart Village concept is also a forum for villages to increase potential and quality in the health aspect and improve the quality of life of rural communities through the design of Enterprise Architecture. The design of Smart Village Enterprise Architecture uses the TOGAF ADM 9.2 framework which consists of the Preliminary Phase, Architecture Vision, Business Architecture, Data Architecture, Application Architecture, Technology Architecture, Opportunities and Solution, and Migration Planning. The object of this research is in Pagerharjo Village, Samigaluh, Kulon Progo, Special Region of Yogyakarta seeing from the value of Sustainable Development Goals (SDGs) which still needs to be improved, especially in Goals 2 (Villages Without Hunger) and Goals 3 (Healthy and Prosperous Villages). This is supported by stunting cases that are still high in Pagerharjo Village, which is 20.24% and is the highest stunting case in the Samigaluh II Puskesmas work area. Therefore, the design of Smart Village Enterprise Architecture is needed to help the Pagerharjo Village government overcome the problem of stunting through the outputs produced in this research, namely the IT Roadmap and Blueprint Enterprise Architecture as a strategic guideline for implementing information systems in health services in the Pagerharjo Village government environment.

Keywords – Enterprise Architecture, TOGAF ADM 9.2, Health Services, SDGs, Smart Village, Village Government