

ABSTRACT

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

By

RADEN RORO HANIN RAMADHAN YUSRIYAHTI

NIM: 1202194088

The design of Smart Village Enterprise Architecture for village government systems serves to support sustainability in facilitating the creation of Good Governance in a Village Government. One significant role in achieving Good Governance in a village is Education. Education plays a crucial role in enhancing and developing Good Governance and the SDGs values of a village. The conducted research focuses on the design of Enterprise Architecture of the Smart Village concept, with a focus on Village Services' dimension that specifically targets Education Services in a village in the Special Region of Yogyakarta. The research method utilized the TOGAF ADM 9.2 framework. The focus domain in this study includes the preliminary phase, architecture vision, business architecture, data architecture, application architecture, technology architecture, opportunities and solutions, and migration planning for the Education service in the Pagerharjo Village Government. The research result is an Enterprise Architecture blueprint as a solution to the issues that occur in the Education service in the Pagerharjo Village Government, along with an IT Roadmap as a reference for the village government in project development. It is hoped that the recommendations provided can enhance the Education services offered by the Pagerharjo village, thereby aiding the Pagerharjo Village Government in improving its score for the fourth SDGs, Quality Education.

Keywords: Education Services, Enterprise Architecture, Smart Village, SDGs, TOGAF 9.2.