ABSTRACT

***DESIGN BUILD APPLICATIONS VILLAGE ADMINISTRATION AS SOFTWARE AS A SERVICE IN CLOUD E*-DESA**
(Case study on some villages in the District of Cimenyan*)*

by

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Village as the smallest part of the system of administrative governance in Indonesia, required to follow technological developments and continue to improve its ability for manage administrative data in the rural population. Currently the villages, in the rural population administration service system is still conventional, that impact to the village and the villagers, which often occurs human error, and waste of time and money. So it takes the appropriate use of technology to overcome it.

Cloud Computing is present as a paradigm that allows users to access information electronically using a fixed or mobile device connected to the Internet network, Cloud Computing offers a collaborative service Software as a Service (SaaS)*, service on demand, and the ability to access anytime, anywhere. With the Cloud Computing, Then it can be built a system with the name E*-Desa. *One of the features of the E*-Desa *is a village population administration application service request form Family Card, Identity Card, Description Move Card, Description Birth Card, Description Death Card, Good Behavior Specification Card, Description Versatile Card, Description of Business Card, Description of Marriage Card, and Description Not Able Card, where to be able to use the service, village government must first subscribe through service Cloud Provider.*

Based on the results of testing done uses methode alpha and beta, of tests it can be concluded that the application of the village population administration as a Software as a Service Cloud E-Desa *provides convenience in data processing villagers, reduce operating costs and the village can provide more optimal administrative services to the villagers.*

keywords: Cloud Computing, E-Desa*, Software as a Service, Application Administration Rural Population, Internet.*