

Abstract

SMART COMMUNITY DEVELOPMENT USING SMART SERVICE MOBILE APPLICATION “PUBLIK PINTAR”

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Smart City is a growing topic worldwide since 2014, with the advancement of Smart City Technology (SCT) being quicker than ever, Indonesia must keep up with the growth of the technology so as to be competitive in the international board. However, the knowledge and familiarity of the citizen must be able to keep up with the technology. As such, the usage and implementation of an SCT that could seamlessly blend in with daily life while at the same time be simple and functional enough as to warrant usage by the normal citizen is highly required. Enter “Publik Pintar”, an application that provide simple and easy to use functions for small communities that has various useful features. The usage of this application will help the local government set up a simple Digital Government and Smart Community that will introduce SCT to the normal citizen while at the same time push forward the SCT of Indonesia. The design and implementation of the application will use a tool called android studio, and SQLite as database of the application. The application will then be tested by participants which will later fill a survey to measure the performance of the application compared to the initial expectations. The application features a forum function for the users to discuss the issues of their small communities, it also features a news function for the users to browse any significant event or problem that appears in their community, lastly it features a document function for the users to store a softcopy file of their essential document to prevent damage of loss of the document. In conclusion, the application worked as intended according to the participants of the final survey with the participants giving the application an overall score of 8.3. With only minor inconvenience and critics, in overall the participants of the application testing understood and were satisfied by the application.

Keyword: Smart City, Jakarta, Publik Pintar, Digital Government, Smart Community, Mobile Application.