

ABSTRACT

Rapid development in Information Technology (IT) drives us for the almost better future and better life. And aligned with the human mobility at the same rate, more security for us is needed every where we go. Based on that case, plan for developing the internet and mobile based application for emergency used call is urgent to realize for the user that doesn't have the police station and hospital phone number in urgent situation.

In that final project, development of emergency used call application will be made base on Android . Selection of Android operating system are took the reason of that Android OS is rapidly growing in application development and programming language is Java based for sure. This application assambled by Java Eclipse Indigo and Android SDK (software development kit) as the executor.

The result of the test is the system has the 100% accuracy in silent environment test with average noise -45.8733 dBm. And the system get accuracy of 83.33% with average noise is -15.09 dBm and finally the noisiest environment with average noise is -11.3933 dBm get the accuracy of 56.67%.

Keyword : Android, SDK (Software Developmen Kit), Police Station and Hospital, Bandung.