ABSTRACT

BUILD EARTHQUAKE INFO APPLICATIONS AND WEATHER BASED ON ANDROID

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Android is an open source operating system that has a complete library with a notification system. Android Smartphone has the advantage of fast internet access and has a relatively low price compared with other smartphone.

Earthquake Info and Weather applications are built using object-oriented modeling with UML tools. Application development is only limited to the client, so no need to process the data contained in the web server. As for getting in touch with the server, the application uses the API (Application Programming Interface) as a bridge for exchanging data with the server.

Based on the results of tests using the Blackbox, it can be concluded that the application is built largely been functioning well so that the features contained in this application has been representing the features found on the website.

***Keyword** : API, Earthquake and weather, Android*