ABSTRACT

DEVELOPMENT APPLICATION EVENTS CALENDAR ON ANDROID PLATFORM WITH WEB SERVICES SUPPORT

by

EGI ADTYA PRATAMA PUTRA
10107385

Currently telecommunications devices that exist in Indonesia already has many facilities that facilitate users, one of which is the facility to access the Internet in real time. One example of a very rapid telecommunications development today is the android-based telecommunications equipment. Android itself is an operating system for mobile devices based on Linux, developed by Google and other companies are incorporated into the Open Handset Alliance. Android provides an open platform for developers to create their own applications that can be used by a variety of mobile devices. By utilizing the web service, an android application can access the MySQL database by default is not supported by the android. Indeed, by default android is supported by the SQLite database, but SQLite is less to handle large data and difficult to perform data updates in real time. However, by utilizing web service data updates can be done in real time. Android applications to be made that the application event calendar. Why the event calendar, because there are many event organizers are still announcing the event manually, both announcements are posted in a particular place or by renting advertising space that cost is quite expensive.

For the research methodology of software using waterfall method, whereas for data modeling using object-oriented method is the Unified Modeling Language (UML) to describe the model of analysis and system design are made.

Hopefully with this event calendar application can help the community to get information about events that are to be held in the city of Bandung is up to date.