ABSTRACT

DESIGN AND BUILD PUBLIC TRANSPORT APPLICATION INFORMATION SERVICE IN BANDUNG CITY BASED MOBILE ANDROID

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1.05.08.654

Bandung is one of the largest cities in Indonesia has crowded activity transport, the streets are quite a lot, as well as public transport is pretty many kind. Because of the diversity types of public transport and the roads in the Flower City, sometimes people, especially newcomers or experienced traveler knows several problems such as lack of information about existing public transportation, type of transportation that will be used to reach their destination, the name of roads, public transportation routes so then routes can make problem activity.

The method of research used is descriptive method that researching the status of a group of people, an object, a set of conditions, a mind system, or a class of events in the present. Development or systems approach used is a development method RUP (Rational United Process) and object-based approach. Tools of modeling system in the design analysis is UML include Use Case, Activity Diagram, Class Diagram, Sequence Diagram, and Deployment Diagram, whereas in the system design using the application software or the Eclipse IDE, Astah Community 6.1, Adobe Dreamweaver CS3, and MySQL as a database.

This application will be implemented following the development of mobile technology platform that applied into the android platform that supports the navigation system or GPS (Global Positioning System). Aplication is userfriendly for people of bandung in particular newcomers or tourists to search information or using public transportation in Bandung city such anywhere and anytime.

Key words: Public Transport Applications, Android, the City of Bandung.