ABSTRACT

Bandung is one of the largest cities in Indonesia. In bandung there are many universities both private and domestic. Many students who want to go to college to bandung, starting from outside the city or outside the province. In bandung student hard to travel to Bandung area have no goods and do not know the area bandung. Therefore, public transportation is a transportation that becomes an alternative for students from outside bandung.

The work done for this final project helps the public to get information about angkot routes, angkot names and angkot majors connected to the internet so they can travel to some important places bandung. Making this application based on android and using eclipse software that is connected with google maps and GPS. In the early stages of system design that includes how the system works, interface design, and data collection of public transport.

Results show that the software is integrated with google maps and GPS. Smartphones can show routes of public transport, the color of public transport and public transport departments. This application is also in accordance with the DISHUB data that has been obtained. Then based on the questionnaire test found that the qualitative calculation has an average value of 3,69. It can be concluded that according to the score of the questionnaire the application of public transport is quite good.

Keywords: Public transport, android, GPS, google maps