

ABSTRACT

Many students in Indonesia are interested to colleges in Bandung. Even many students from abroad were interested enough to study in this city. As we know that Bandung is known as the city of education, because there are so many visitors from out of town staying and studying in Bandung. Some College in Bandung are the best College in Indonesia. Bandung, which is the capital city of West Java, is very often used as a place to gain knowledge by the student. With so many colleges in Bandung, the student will surely need a guide to find out information and the shortest route to visit College in Bandung.

In this final project, will be made a mobile GIS application based on GPS (Global Positioning System) on the Android platform. Android platform was chosen because the android users growing rapidly today, so this application will help android user to find college location in bandung.

From some results of the tests performed, the functional testing, in alpha testing showed that the application can run all functions and features as expected. While in the beta testing which is done through questionnaires showed that the application is very helpful in finding the location of the college in Bandung with the shortest route.

Keywords: College, Bandung, Android Platform, mobile GIS, GPS, Global Positioning System