

ABSTRACT

A recreation or vacation visiting a tourism object is one of activities that people always love to do until now. Many people are willing to spend their time and money for having a recreation to unwind after all the activities they do every day. One of the destination cities to have a recreation is Bogor. Bogor is known to have many interesting tourist attractions to visit either for local or foreign tourists. The problem often encountered is that not easy for tourists to find the location of tourist attractions as they want to visit.

This problem can be overcome by utilizing Geographic Information Systems (GIS) technology, a computer-based information system used to process and store data, such as location information (spatial) and descriptive information (attribute). In this case, the information stored is information on tourism objects. With the help of Global Positioning System (GPS) that serves as a location pointer of the user, users are able to find the location of any tourism attractions located around them. GPS technology is now available on some mobile phones especially smartphone types.

In this final project, the application is built using GIS and GPS technology in a mobile device which is a smartphone that has become a primary need in the community. The device used is a device that has a Windows Phone operating system.

From the test that has been done, we found the result that the application could run all its functions and features as expected, and helps travelers find the location of the tourism especially in Bogor.

Keywords: Geographic Information System, GIS, Tourism, Bogor, Global Positioning System, GPS, Windows Phone.