

ABSTRACT

Information delivery media in public place or education is very important, moreover at museum where incidentally is full of things or information which has clear data. But, information media which already available doesn't clear and interactive. Because of it, writer make the guide application for museum based on Android by using tools such as Bluetooth which means to visitors can still get the detail information and interactively from each area where caught by Bluetooth.

Therefore, in the research of this final project uses transmission medium which is Bluetooth Low Energy (BLE) or Estimote which can transmit datas from the server to the Guide Museum application itself. In the implementation, Guide Museum application is applicable to Android based smartphone and using java programming language. And after the author done the testing to the visitors and the museum guide by trying the application live and fill out a questionnaire, then the application is worthy for use and in accordance with the wishes of the consumers with the average score from beta testing 3.19 which is mean still in the scale between appropriate and very appropriate for the feasibility level of Guide Museum application.

Keyword : *Bluetooth, iBeacon, Estimote, museum*