

ABSTRACT

The rapid growth of the college led to the arrival of newcomers especially students.. So they need a boarding house for where they lived.

In this final project, the author make an application boarding house management system based geographic information system using android device that aims to inform a information of boarding house. In this application, there are three main menu first search based on location and type of boarding houses, then registration boarding houses, and update information of the boarding house.

The application is tested use method blackbox alpha and beta. From the test results with a total of 30 respondents, 60% of respondents stated that this application is needed in promoting a boarding house and 56% stated that this application is needed for search for a boarding house. A total of 53% stated that this application has complete information such as a name of boarding house, address, facilities, price, information of the empty rooms, images of boarding house, and the location on the map with routing leading to the location from user position.

Keyword : geographic information system, boarding houses, android