ABSTRACT

Alif Nugroho (12130308), Designing Warteg Search Aplication Kharisma Bahari

Using Location Based Service With Dijkstra Algorithm Based On Android .

Increasing income per capita society makes people want something that is fast and easy. The community will be more practical, clean, and tend to choose a comfortable place to consume food. Warteg Kharisma Bahari can be an option for cheap, practical, and convenient places to eat. This warteg already has a hundred and 150 branches. However, because the promotion of warteg location is still manually from mouth to mouth so the delivery of information is not maximal to the public. Then the need for technological assistance in promoting the location of warteg kharisma. Then made a search application warteg maritime-based android charisma. Due to the increasingly rapidly smartphone users with android operating system so that the dissemination of location information can be more quickly and easily in accessing the location by the community in addition in making this application using Location Based Service (LBS) used to find the location of the device that users use. This service uses Google's global positioning service (GPS) and cell-based location technology and Dijkstra's Algorithm to determine the nearest route to the maritime warteg. It is expected that this application can expand the promotion of warteg kharisma and can simplify the consumer in finding and going to warteg kharisma.

Keywords : Search,Dijkstra, LBS, Android.