

Acknowledgment

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Abstract

In today's fast moving life services based on location has very much importance in everyone's life. As the trend is of smartphones, mobiles, iPhones, and all the gadget emerging today it's very important for the mobile user to have the location based services. Location based service can be elaborate as the services which uses the users geographical location which consist of X and Y coordinates, which is generated by GPS which acts as positioning device. This paper called mobile tracking application for locating friends using LBS, which uses the GPS as location provider through geographic location for mobile network.. This implements the client server system that helps the user to locate and track their friends, and receive the alert message when nearby, basing on radius set by administrator. Frontend application coding is done in database used to update the location information and track the location

The main purpose behind this project is to create application that will use the GPS embedded technology in smart phones to locate friends and helps to detect their location.

The proposed Location based system determines locations of the friends at different times in order to track and give the recommended actions for different cases.

The proposed system composed of Mobile and Web application as solution to display all person's data and alarm notification service as solution for them.

An initial prototype for the proposed system was designed and implemented using Smart Mobile Phones and Web Applications.

