Location Alarm Application

C.Vinothini[1] & V.Mythili[2] & B.Manimozhi[3]

III-MCA M.Kumarasamy College of Engineering[123]

vinocsv201@gmail.com[1]

mythiliv97@gmail.com[2]

manimozhibalakrishnanmca@gmail.com[3]

Abstract

The project is one of the android application. In a current framework the client sets an alert in the google map to follow the area yet can't spare the work. In the proposed framework, the Application used to follow the area individuals may have diverse work in better places. They may neglected to monitor all the work which is related at better places. Where client will be reminded about his work at certain spot where the work is related with. This framework tracks the client area with the assistance of GPS. Framework recovers the client's present land organizes, with the assistance of this framework tracks client's present area. Client must enter the errand by indicating the area name and work at specific spots. Client can enter the various undertakings. In the wake of entering the errand subtleties client will get the guide in which the assignment area will be surrounded and he will get know the separation between his present area and the undertaking area. When the client taps the begin alternative client will get notice as he comes to close to the area. Framework will constantly checks the area of the client and offers warning to the client as client achieves assignment area. This framework causes the client to set, alter the alerts as he wishes. This framework additionally checks the undertaking area on the guide how far he is from the present area. The application is manufactured utilizing android with Java, Android Studio 2.3.3 as Front End.

Keywords: GPS,Framework, Spot, Client.

1. INTRODUCTION

- The primary goal of this undertaking is to the client track the present area .In any caution applications the client can play out the tasks like locate the present area and reminded. In this application when the client achieved the errand area the caution and the update will be informed. By this the client comes saw the update through

- which the principle point of the application is accomplished. The application is manufactured utilizing android Java, Android Sdk 2.3.3 as Front End and Mysql 2010 as Back End

2. PROPOSED SYSTEM

In this framework, the client can ready to get his present area and can peruse any of area and include assignment update that specific area through the guide interface. At the point when the client achieves the area, the application will check the undertaking update's predetermined area. In the event that the errand update's area is coordinated with the present area of the client the caution of undertaking update will be produced and an alarm will be given to the client by means of warning about the assignment the client has set previously. Every one of these exercises will be performed by utilizing Google guide and GPS administrations. At whatever point the client goes by that area, the application helps the client to

remember the undertaking through notice, in this way empowering the client to finish the errand asspeedily as could reasonably be expected. basically show the undertaking update until the client decays that notice. This venture likewise enables the client to set various errand updates at a similar area. Also, when the client achieves the predefined area every one of the errands that must be performed are advised to the client with the goal that no employments are missed or left inadequate.

ADVANTAGES

- User cordial and adaptable to utilize.

- Compact in structure Alert with music or with computerized voice.

- Vibrate when versatile is in quiet mode.

- Allows   the client   to set numerous undertakings in a similar area.
.

2. MODULES DESCRIPTION

2.1. INCLUDE LOCATION:

In this module the, the Google map is shown the areas utilizing the GPS and GPRS/3G systems accessible in android Smart telephones. By utilizing this module the client can set their goal and current area dependent on their requirements of movement. Also, the point to point separation and traffic condition are shown in this guide.
.

2.2. GPS INTERACTION MODULE:

In this module the GPS collaboration (for example the area refresh is changed dependent on their client's time limit. Also, check whether the GPS and the web supplier is empowered or handicapped. In light of that the alarm will shows to the android warning bar in android gadget.

2.3. SPOT MANAGEMENT MODULE:

In this module the area subtleties are put away in SQLite information stockpiling inside the android gadget. The visited area subtleties are get from the area refreshes and put away in SQLite information stockpiling for the client future reference

2.4. READY MODULE:

This is fundamental module of this undertaking; in this the alarm administration and area refreshes are finished utilizing the android Background administrations. The area refreshes is finished by utilizing the GPS and Internet suppliers. What's more, the alarm is set utilizing the android gadget alert administrations.

3. SCREENSHOTS
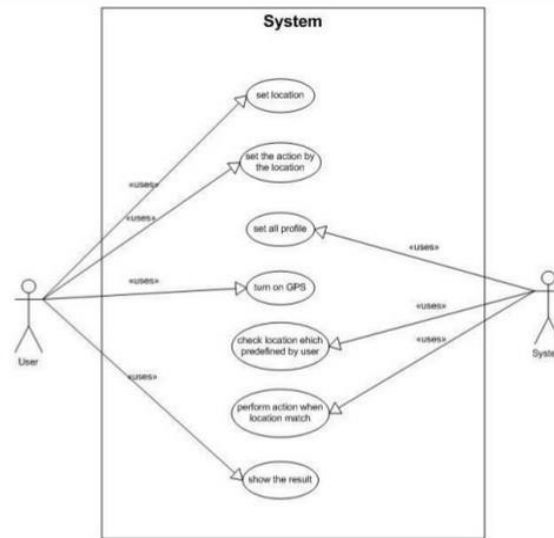
4. CONCLUSION AND FUTURE ENHANCEMENTS

The update dependent on the client's area, for example, the GPS ALARM application speaks to a collaboration of a thought and the most recent innovation. The commonsense normal for the utilization can be found in the basic menu and simple establishment, and the framework usefulness is tremendous since the application is accessible at any minute. The dependability and exactness depend basically on the GPS framework which gives us an expansive portion of security.

The future utilization of this framework is to incorporate voice message. Voice message upgrades the ease of use of the application. At present, framework ringtone is utilized as the default ringtone in the application. Nonetheless, decision of ring tones could be given from the sound exhibition, since it has volume control and vibrates mode control settings. the exactness of the GPS framework situating, actuation of caution inside a specific date and time, deciding the separation from the time when the application is to caution us, sharing of alert with different clients (sending/accepting) and so on.

REFERENCES

[1]. He Li, Lai Zhijian (2011), 'Study and implementation of mobile GPS Navigation System Based on Google Maps'.

[2]. XianhuaShu, ZhenjunDu, Rong Chen (2009), 'Research on mobile location service design based on Android'.

[3]. Jan Babic and Igor Podlubny (2011), 'Software application for GPS devices using Google Maps'.

[4]. 'http://developer.android.com' , 'http://stackoverflow.com'.