



BUDDY LOCATOR

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ABSTRACT

This application is useful to find out the location in which the person is placed. For this, we have to first install the app in our android mobile. We have two cases:

1. Suppose if we are in some unknown place which we don't know, in order to find out our location, we give a call from our app, either it is a missed or received call, after that a message will be sent to other person from our phone. The person receives a link pointing our location in google map.

2. Suppose if our friend wants to know our location, we get an incoming call from our friend, either it is a missed or received call, after the call, a message will be sent from our phone. And receives a link pointing our location[1].

INTRODUCTION :



Android is an operating system for mobile devices such as smartphones,

tablets and computers. It is developed by the Open Handset Alliance lead by Google. Google purchased the initial developer of the software and Android Incorporated in 2005. The introduction of the Android allotment on 5 November 2007, was announced with the beginning of the Open Handset Alliance, a group of 84 hardware, software and telecommunication companies devote to advancing open standards for mobile devices.

SHARED PREFERENCES:

Android provides several ways of storing information of an application. One of this way is called Shared Preferences. Shared Preferences allows us to save & retrieve data in the form of key, value pair.

In order to use shared preferences, you have to call a procedure `getSharedPreferences()` that returns a shared preference request pointing to the file that contains the values of preferences

SYNTAX:

```
SharedPreferences sp=getSharedPreferences(
My PREFERENCES,Context.MODE_PRIVATE);
```

Data can be saved in the Shared Preferences by using Shared Preferences. Editor class will call the

Edit method of Shared Preferences instance and will receive it in an editor object. Its syntax is:

```
Editor edtr=Shared Preferences.edit();

edtr.putString("key","value");

edtr.commit();
```

In this Way using Shared Preferences users can save the contacts in this project "Buddy Locator".

RELATED WORK

EXISTING SYSTEM

In current system, to find out the location of friends, user need to call and ask friend about his whereabouts.

Find My Friends allows you and your friends to tabs on each keep other, even while apart. It's a great way to coordinate meet-up's, or regroup on a large outing.

Find My Friends lets you:

See the place of any friends on a map, with their permission, through their cell phone.

PROPOSED SYSTEM

The proposed system will assist user to find out friends locations as well as our's when we are in unknown place. The proposed system will also allow user to see all friends on Google map as well.

This app allows you to locate your friend on a map. You can maintain a list of friends and save them.

Suppose, if we are positioned at some unknown location which we don't know, then in order to find out our location, we gives a call to our friend. Either

if our friend lifts a call or don't lift, automatically an SMS will be sent to our friend. By opening the SMS, a link will be opened pointing our exact location on the google map.

And the other case which we have is, if we get a call from our friend who's on the saved numbers, and either it is a missed call or received call, then automatically an SMS will be sent to our friend, showing our location on the google map[2].

ADVANTAGES:

- ❖ Globally accessed
- ❖ Security
- ❖ Easy to find the location

PROCEDURE:

Add Contacts:

This module is for adding the contacts to the application. With the help of this application, we will add the contacts of few members for whom we have to find the location

Access location:

This module is to identify the location of the person.

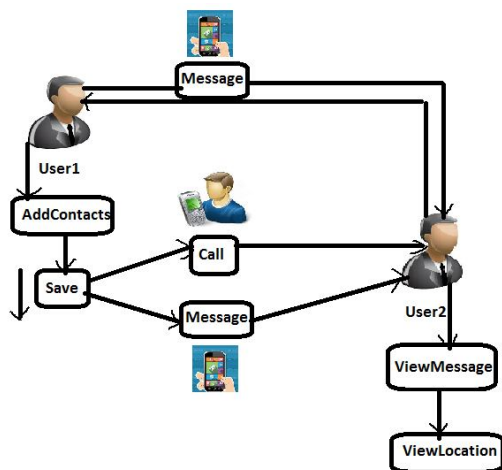
Send Map Link:

This module will send a message with a link contains google map pointing our location.

Receive Message:

We will receive location name through message.

SYSTEM ARCHITECTURE



probing peoples location on map . The project aims at developing and validating an modern approach for location based prediction, the project will allow for the demonstration of wireless location tracking and prediction.

REFERENCES:

- [1]A. S. Bedi and J. H. Marshall, "Primary school attendance inHonduras," Journal of Development Economics, vol. 69, pp. 129–153, 2002.
- [2]T. S. Lim, S. C. Sim, and M. M. Mansor, "RFID based attendance system," 2009 IEEE Symposium on Industrial Electronics & Applications, no. Isiea, pp. 778–782, Oct. 2009.

FUTURE SCOPE:

- ✚ Include maps, to send a map with a family member location rather than just sending the location name, also a map that shows the pathway from a friend to another.
- ✚ Provide a Mobile SOS (Save Our Souls) facility to mobile users. GPS satellites can be used to locate the location of the user, and send the coordinates via SMS to a server.
- ✚ Allow the users to generate other lists quite just using the friends and the family members list. This will help in using the system in organizations that need to know the location of their employees during working hours.

CONCLUSION

Buddy locator is a mobile application which is used for location accessof a person through SMS or call. The proposed system provides the best approach for