

“Smart Application for Finding Phone through GPS and Security”

^[1]Ms.Prajakta Bageshwar ^[2]Ms.Puja Gourkhede ^[3] Mr. Lina Tandulkar ^[4] Mr.Pranjali Gaydhane
^[5] Prof.Shubhangi Borkar

^{[1][2][3][4]}B.E Final Year, Information Technology, ^[5] Computer Science and Engineering
Nagpur Institute of technology, Nagpur

Abstract: — At present, we use various application which deals with security and GPS location tracking system. In this project, we are providing with the combination of various functionalities and also try to solve the battery and network problems. This application deals with finding phone when it is in silent mode and tracking its GPS location. It also gives a facility of changing profile from silent to ringing when called by registered number more than three times. At the time of threat, press the power button thrice and the current location will be sent to the three registered numbers saved by the user according to his preferences. It also resolve the problem of battery and network.

I. INTRODUCTION

Nowdays people need is to keep phone in silent mode due to various reasons such as study,work etc. It is their need to keep phone silent but when it comes to finding it,it's very difficult. In this application i.e the “SMART ALERT” we provide various functionalities which helps to overcome this problems of finding phone. This application also gives by default functionalities like it. Finds phone when silent, rings an alarm after 5 minute when the phone is not in network and also generates an alarm when battery is at 20%.

This application is also providing with functions that are it will switch. From silent to general when emergency contacts call.

It provides safety and security as when power button is pressed more than 5 times location is sent to the emergency contacts.

II. LITERATURE SURVEY

[1] Suryabhan gupta, amol joglekar “A change of profile based on location” international research in engineering & technology, in May 2015.

The application which provides the service of automatic profile changing based on the user's location from one to other. It uses internet connection and GPS services to learn about the user's current location and accordingly it updates the profile.

Technology: GPS works on the basis of calculating the latitude and the longitude and according to which after doing some mathematical calculations the exact location of the phone is determined. Rajdip kaur “profile management system” international journal of computer & communication technology, in 2011.

There are many places like Hospitals, Petrol pumps, Universities, Corporate offices etc. where it is clearly mentioned, “KEEP YOUR MOBILE PHONES SILENT!!” Many times people forget to switch the mobile to the “Silent Mode”.

Technology: The Global Positioning System (GPS) is a space based satellite navigation system that provides location and time information in all weather conditions, anywhere on or near the Earth where there is an unobstructed line of sight to four or more GPS satellites.

Rohit Madhukar Chaskar “Location based automatic sound profile switching application in android mobiles” international journal of computer & communication technology, in 2, 2013

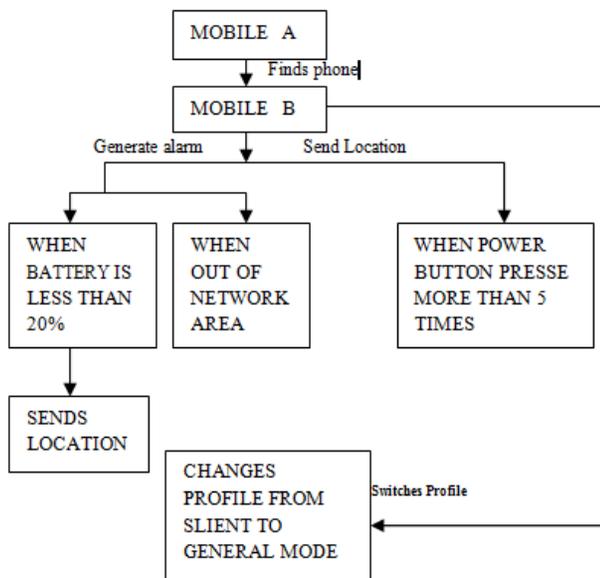
This application provide near about completely automated profile switching according to location. This application will enable the device to switch to the ‘Silent Mode’ in locations like Hospitals, Major Corporate offices, Universities, Well known Educational Complexes, Petrol s, Government offices etc. by default & there will be no need to set them manually.

III. PROBLEM STATEMENT

From the above literature review we conclude that finding phone was a big problem when it is in silent mode. So we are solving this problem in our application. Finding exact location was impossible. So this is overcome in this application by using GPS location tracking. No system was available to notify us that phone is not in network.

When we use an android mobile we face problem of battery and network so we are providing alternate to this problem.

V. PROPOSED SYSTEM



The above flow represents the working of the application. This application helps in finding phone by sending a code and also generates an alarm when the battery is less than 20% or when it is out of network area. A location is send when the setting is been on which is under the by default function of low battery. And also sends location at the time of threat when power button pressed 5 times. It changes it's profile according to the situation or emergency.

V. CONCLUSION

Our application "Smart Alert" provide ease in finding phone when it is in silent mode. Provides security at the time of threat. It provides with a facility of informing about the network's unavailability. It also provides with the facility of informing about the low battery and sends location to the emergency contacts at the time of emergency.

REFERENCE

- [1] Rajdip kaur "profile management system" international journal of computer & communication technology, in 2015 page 1855-1858.
- [2] Philip A.reipnour "Notification and tracking system for mobile devices" US20130040600, 1 July 2014.1-19.
- [3] Rohit Madhukar Chaskar "Location based automatic sound profile switching application in android mobiles" international journal of computer & communication technology, in 2, 2013
- [4] Ch. Radhika Rani , A.Praveen Kumar, D. Adarsh, K. Krishna Mohan, K.V.Kiran, "Location Based Services in Android", international journal of Advances in Engineering & Technology, ISSN:2231,Mar2012.
- [5] Amit Kushwaha, Vineet Kushwala, "Location Based Services using Android Mobile Operating System", International Journal of Advances in Engineering and Technology,ISSN:2231-1963, Mar-2011.
- [6] Rajkishen moloo "Low cost GPS tracking system" 2011 international conference on business computer and global information 29-31 July 2011.
- [7] Raj Kishen Moloo"Low-Cost Mobile GPS Tracking Solution" 29-31 July 2011.
- [8]Sandeep Kumar, Mohammed Abdul Qadeer, Archana Gupta "Location Based Services Using Android" 2009 IEEE.