

Autosilent Mobile System

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Abstract—In the Silencer application, the timings have to be given and the phone will change its profile automatically. But then if the time changes then the user has to again set them, hence the need arises for a phone which smartly accesses the location and then switches the profile to silent automatically. In the application the locations can be designated where the phones profile changes automatically. So people can make their phone silent in selected area automatically. Only initial settings are required such as entry for new location in mobile using internet connection. This application is provide a silent technical for peoples, when they are go in particular place. Auto silent will have a dynamic system that will provide to peoples automatic mobile silent using GPS. When user is driving a vehicle then he usually does not want to be disturbed by incoming calls on the road. Hence this application helps to put the phone on silent mode while the user is driving at more than a speed of his choice. When speed is low as per choice then phone will turn automatically in general mode.

Index Terms—Software Development Kit, Android Virtual Device, Global Positioning System, Latitude, Longitude.

I. INTRODUCTION



Because of Smartphone's are both handy and useful, we tend to toss them into our bags and bring them with us anywhere we go our bedside, at dinner dates, and back to the bedside as we retire for the night. While your Android phone can alert you to incoming notifications, calls, text messages, or important reminders, there are certain circumstances when you need to use audible alerts, and there are certain situations when you need to place your phone in vibrate mode or silent mode. But, having to switch between sound profiles can be pesky and can chew up your time. Its often easy to forget to switch from silent mode to audible mode, or vice-versa. In such a dilemma, the Auto Vibrate app for Android can be of help. This app automatically switches your phones sound profile based on where you are or what time of the day it is.

So the purpose of this project is the implementation of mobile autosilent services through

Google web services and Android API. In this we are using GPS service. The Global Positioning system is a space based satellite navigation system that provides location and time information in all weather conditions. Using android mobile application people can add location and particular place using GPS which provide coordinator means latitude and longitude of these place. This application will provide immediate service to the general people.

II. PROBLEM STATEMENT



In the present Silencer application, the time should be given by user and the phone will change its profile automatically. When time of classes, offices changes then the user have to set time again. This application have required manual interface repeatedly. Hence the need arises for a phone which smartly accesses the location and then switches the profile to silent automatically. To overcome the problem of present system we are going to develop the Auto silent Mobile System .Which provides the automatic silent method according with user convenience. In this application only user required to set location in mobile. The purpose of this application is to provide a silent technical for peoples, when they are go in particular place. When user driving vehicle at higher speed user requires more concentration on driving. In this situation he/she may disturbed by incoming calls. Which increases probability of accident. Hence our application helps to put the phone on silent mode while the user is driving at more than a speed of his choice. This second application is depend upon the mobility. In which user will require to set only speed.

III. EXISTING SYSTEM

In present silencer application user will schedule how long mobile will stay silent. After specific time limit it is switched to again general mode. The time should be given by user and the phone will change its profile automatically. When time of classes, offices changes then

the user have to set time again. This application have required manual interface repeatedly.

A)Disadvantages of Existing System

- 1.It does not support dynamically.
- 2.It has required human interface frequently.
- 3.It does not depend upon location based services.
- 4.User has required to set a time as reminder frequently.

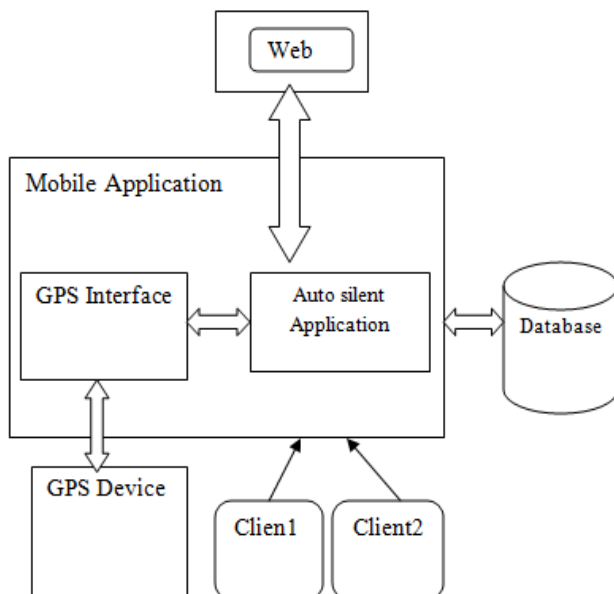
IV.PROPOSED SYSTEM

In our proposed system we are going to develop the Auto silent Mobile System. In this system user can add a specific new location. Once the specific location is set the manual interface is reduced and user phone will automatically switch to silent/vibrate mode when user close to particular premises. The purpose of this application is to provide a silent technical for peoples, when they are go in particular place. In our second application, When user is driving a vehicle then he usually does not want to be disturbed by incoming calls on the road. Hence this application helps to put the phone on silent mode while the user is driving at more than a speed of his choice. When speed is low as per choice then phone will turn automatically in general mode. This second application is depend upon the mobility.In which user will require to set only speed.

A)Advantages of Existing System

- 1.It support dynamically.
- 2.It does not required manual interface.
- 3.It provide sefty for driving.

V.SYSTEM ARCHITECTURE



VI. CASE STUDIES

A] Static System:-

We implemented our concept using smart phones having android OS as client and one central server in order to give practical approach to our proposed system. We developed system which allows users to put their phone on silent mode on location basis. Users have to provide location, whenever users enter in that location their phone will automatically switch to silent mode. We developed the client which provides user friendly GUI. Client provides features like set location, locating current place .whenever user does not know the current location then by sending request to server he/she can retrieves current information of that location. whenever user come across that particular location where he/she want to silent our smart phones if that location matches with location list which are added into database then the mobile goes to silent mode.

B] Dynamic system:-

This application also provides facility known as speed settings. When this feature is on and users are in driving mode, his/her phone will be set silent as soon as it crosses the set speed limit. Users can decide their speed limit as per requirement. GPS is used for tracking speed of vehicle if the speed is greater than set speed then mobile goes to silent Mode.

VII.SYSTEM FEATURES

- 1.In order to use this application, the User should have a mobile phone which runs on Android Mobile Operating System.
2. This feature will require an active mobile data connection to initially download the Location information.
3. Also the data base should be up and running as data is retrieved from it once the user uses this function.
- 4.The search should include valid addresses.

VIII.FUTURE ENHANCEMENT

1. It will be highly desirable for future extension.
2. It Support globalization that enables to the end users to work with their own language and environment.
3. This system is very portable in the sense of the compatibility of the hardware as well as the software also.

IX. CONCLUSION

We have proposed Auto Silent System.The main advantages of this application are that it automatically silent the mobile in given premises .Apart from that the mobile goes into silent mode when mobile is in mobility

state. It reduces the manual interaction and increases automation which is the demand of current world.

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