

## A Message Based Remote Profile Changer and Contact Fetcher

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**ABSTRACT:** In today's technical world mobile phones, especially android smart phones which were introduced in the past few years are playing a vital and virtual role in our day-to-day lives i.e., in our personal life as well as in business life, due to its user friendly usage and having a lot of workspace for working on different works at a place where he/she is staying (or) working. As everyone today are busy in work and having excess stress on getting the work done under certain pressure. At that point of time it is common for us misplacing it somewhere at our workspace, which means that it is near to us but doesn't know where it is, and which results in losing our valuable mobile and important information in like contacts, files etc. Imagine that you forgot your phone and want the contacts of our beloved friends urgently. Imagine that you want to remotely lock your misplaced mobile so that it cannot be mis-functioned. Suppose your friend went to an important official meeting, and he forgot to switch his mobile to silent mode. Think about the cases that you are not ready to miss the calls to your misplaced mobile. So, in order to overcome those emergency situations we design an android application to find our misplaced mobile, change its sound mode, to remotely fetch the contacts, to divert the calls from the forgotten mobile, and finally to remotely lock the phone.

**KEYWORDS:** Remote, Mobile, Fetching, profile changing

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### I. Introduction

What is Android?

Android is a mobile operating system developed by Google. It is used by several smart phones, such as the Motorola Droid, the Samsung Galaxy, and Google's own Nexus One. The Android operating system (OS) is based on the open Linux kernel. Unlike the iPhone OS, Android is open source, meaning developers can modify and customize the OS for each phone. Therefore, different Android-based phones may have different graphical user interfaces GUI even though they use the same OS.

Android phones typically come with several built-in applications and also support third-party programs. Developers can create programs for Android using the free Android SDK (Software Developer Kit). Android programs are written in Java and run through Google's "Davalik" virtual machine, which is optimized for mobile devices. Users can download Android "apps" from the online Android Market.

Since several manufacturers make Android-based phones, it is not always easy to tell if a phone is running the Android operating system. If you are unsure what operating system a phone uses, you can often find the system information by selecting "About" in the Settings menu. The name "Android" comes from the term android, which refers to a robot designed to look and act like a human.

Open Handset Alliance

The Open Handset Alliance (OHA) is a consortium of 84 firms to develop open standards for mobile devices. Member firms include Google, HTC, Sony, Dell, Intel, Motorola, Qualcomm, Texas Instruments, Samsung Electronics, LG Electronics, T-Mobile, Sprint Nextel, Nvidia, and Wind River Systems.

The OHA was established on 6 November 2007, led by Google with 34 members including mobile handset makers, application developers, some mobile carriers and chip makers. Android, the flagship software of the alliance, is based on an open source license and competes against mobile platforms from Apple, Microsoft, Nokia (Symbian), HP (formerly Palm), and Samsung Electronics (bada).

Members of OHA are not allowed to produce phones that run incompatible versions of Android. As today smart phones are becoming very much popular because of its open source linkage and also by the application development. today almost there are more than seven lakhs applications are being developed from among them many are very much useful and some are not at all used by the public because of its nature from among them we have developed an application by which we can find our mobile when it is misplaced in or around our workspace just by sending a sms .

Scope

The project objective is to provide a mechanism for finding the lost mobile which has been placed in our workspace during the phase of work or when they are in a pressured condition. the following activities are covered in the project.

1. Maintaining registered numbers
2. Maintaining profile triggers
3. Maintaining anonymous key
4. Providing key for profile
5. Providing key for registered and anonymous numbers
6. Also contact fetching

Purpose

The main purpose of the project is to find the mobile when it is misplaced by changing the profile from silent to general by just sending a message from other mobile.

## II. System Analysis

### II.I EXISTING SYSTEM:

In general , when we forget our mobile somewhere in home or in our workspace , we just call from our colleges mobile or others mobile for getting notice of our mobile by just hearing ringtone of the mobile but , there is a situation that , what if the mobile is in silent mode or in vibration mode ? , and in case if we want the contact in our mobile when it is in home, This is the worst situation, in order to face such type of situation we propose a mechanism to change a profile just by sending a message from others mobile and also we can retrieve the contacts from our mobile currently from the place where we are remotely.

### III. Proposed System:

In our proposed system, we perform a mechanism for changing the profile from silent to general or to any other mode according to requirements of the user. Here we are using the concept of remote access i.e., we change the profile of the mobile just by sending message from other mobiles. The only requirement is just to install the application in the mobile and register the number from which we want to send the message for changing of the profile, here there arise a situation that, how can we provide security if unnecessary message is send from the registered numbers for that we are providing the a security key such that when we want to change the profile we just have to text the key and whatever the mode it is to be changed i.e., the profiles to which it is to be changed is already provided as triggers in the application and such that whatever the key the user want for the trigger is to be set by the end user only. Also a major advantage of the application is that if the registered numbers are not in our sight and we want to activate the profile from one to other in such situation we provide a key for usage of anonymous numbers to send message for changing profile, after every usage of anonymous key usage we must update the key for having confidentiality to end user and another important thing which we are providing is to enable the application only when we are in a need and also disable it if we are not in a position in a hurry because the applications which are running will consume so much power so by doing this we can save our power and the special thing or interesting thing which we ad on is the contact fetcher which means we can get the contacts from our mobile just by sending the similar message as that as profile changer with name of the person we required and the key .

### ADVANTAGE:

1. We can easily find our mobile when misplaced
2. Can easily change the profile by sending the sms
3. Can also get the contacts from our mobile by sending a message remotely
4. Less in memory of the application
5. Battery saver option is also provided

## IV. Modules

It consist of following modules

- registration
- Login
- Settings
- Registered numbers
- Key providence
- Profile triggers
- Contact fetcher

**Registration:**

Firstly the user must register his account for the purpose of security; here he also provided a security question which is to be answered, which is used at the time if the password is lost.

**Login:**

Login module is used to add new user for the purpose of security usage of the user so that he have his own password by which confidentiality is provided also if any in case the password is forgot by the user he can use the forgot password question such that he have to answer the question which has been answered before in the registration screen.

**Settings:**

In this module we provide all the options which are basic for the application such as my numbers, anonymous key, key settings, triggers, home which is meant to go back to home screen.

**Registered numbers:**

Here in this module the numbers which are to be added are to be entered such that this numbers are the numbers which are to be our neighbors and our close relations for providing keys in order to provide confidentiality.

**Key providence:**

Here in this module keys are provided for the anonymous numbers and also for the registered numbers.

**Profile Triggers:**

In this module some phrase or some key must be set for every profile so that which acts as a trigger for changing the profile from one mode to other by sending the message with the trigger and key provided.

**Contact Fetcher:**

In this module the contact are to be send to mobile from where the message is received according to the contact name also a key is specified for security purpose.

## **V. Conclusion**

Maintain smart phones is the easy task but using the smart phones in a smart phones is not an easy task for having good applications and good usage without disturbing the other mechanism, in this paper , we are providing the mechanism for finding our lost mobile which is kept in the nearby workspace and kept in silent mode and also can fetch the contacts from the mobile which is left in the home remotely just by sending the message from the other mobile which may be registered or may be anonymous number by using the key as trigger . Also the only advantage of this application is it can be enabled and also can be disabled so that in order to save the battery hen the application is not necessary for running also this application has crossed all the barrier problems which are previously discussed.

Making things to be done in accordance to the wish of the person makes it a good thing for existence, our application is one such type of thing which makes it easy to find and to fetch contacts remotely.

**RESULTS:**



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