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# REMOTE PHONE CONTROLLER - THROUGH SHORT MESSENGER SERVICE

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**Abstract** - This paper has surveyed and designed a remote android phone system based on message communication. If your mobile phone is not available at the moment and you need to call a person urgently whose contact number is not available at that instant. To get that specific contact you have to go through very tedious process of calling home or where you're mobile are left and get that contact number. The proposed remote mobile phone access system project helps to simplify this problem. You need to send a sms to your own mobile get contact with the contact name and automatically that contact will be returned to the same number.

**Keywords**— Short Message Service (SMS), General Packet Radio Service (GPRS), Global Positioning Service (GPS), Multimedia Message Service (MMS), Global System for Mobile Communications (GSM), Remote control, Text message.

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## I. INTRODUCTION

Remote access system is used widely and almost each domain of national economy. With the requirements and rapid development of modern network techniques for remote computer access technology are increasing day by day. With the increasingly enlarging of mobile communication network, SMS has achieved rapid development. An android application which allows you to control your android phone through another android phone which can be controlled through android application. Interceptor is used for controlling of one android phone to other android phone. Interceptor act as a gateway for passing the message to the application. It is present in the server section. Through this applicaton we can perform activities like changing profile of the mobile, getting IMEI number and call log details.

## **II. LITERATURE SURVEY**

At the present time people use their smartphone to accumulate important or private files & also to effectuate almost all the official & business works using message. Previously all Smartphone manufacturer used to have dedicated software to control the remote control android phone using control of their phones from desktops. But especially with the Android smart phones, no particular software is developed. There are plenty of custom third party applications available. But now with Remotedroid you can now remotely control your phone without internet. In previously for all software's you need for that is to have an internet access, not any application works without internet. So this type of software require more cost this is the biggest disadvantage of previous software .The capability of controlling home appliances in a remote fashion and wireless have provided a great convenience to many people in life. A man on a journey inside his car remembers that he left the Air Conditioner (AC) ON when it was supposed to be OFF. The normal condition is to switch OFF and drive back or for the home security. We consider only ON and OFF operation. But with the GSM mobile phone in the hand, one looks on how the same could be used to effect control at any point and time.

## **III. PROPOSED SYSTEM**

The Propose System to secure and protect smartphones from theft as well as provides options to access a smartphone through other smartphone remotely or a normal mobile by using Short Message Service. In our remotedroid application we remove the disadvantage of previous software. And we develop this remotedroid application which works without internet. Or we can control our android phone remotely without internet without using any browser .The remotedroid application require only messaging feature and all android mobile has a inbuilt messaging feature. What you have to do is, just send particular command in particular format as provided in application by sending message on your remote device or remote mobile phone. Then the remote mobile work according to that command.

## **IV. DESIGN OF APPLICATION**

This application is simple and very easy to use and works totally on SMS service. The proposed system split message is another cool feature. When searching for a name, the search may return many contact names and contact numbers which won't all fit into one reply message. The application only allows you to search for contact numbers stored on your mobile phone remotely with the help of a simple text message.

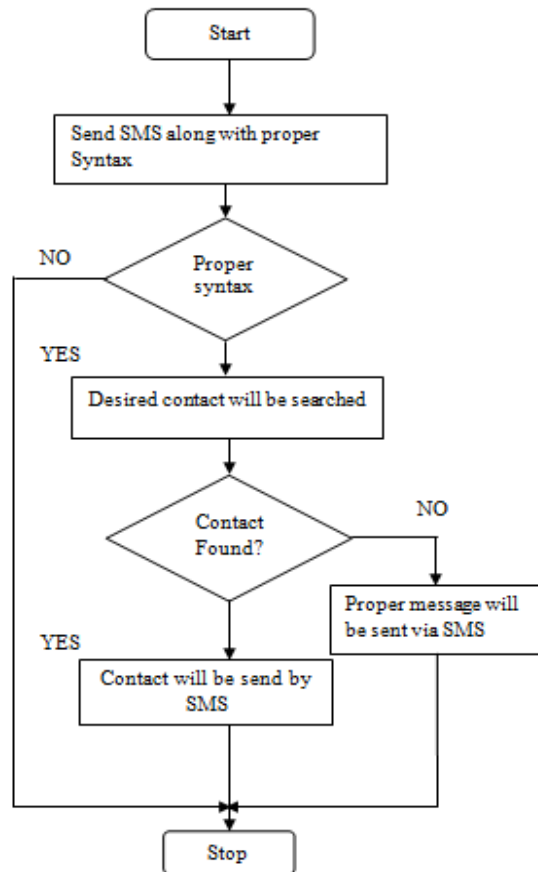


Fig 1: Flow of Application

• **WORKING**

The actual working of system shows in this diagram. When user send sms it receive sms, then it goes for parsing the sms. After the parsing, command and parameters are send to the controller. Then controller send the data for the building the sms that is for creating the sms. When the sms is created it sends further for sms to be sent. Then it send sms to the user.

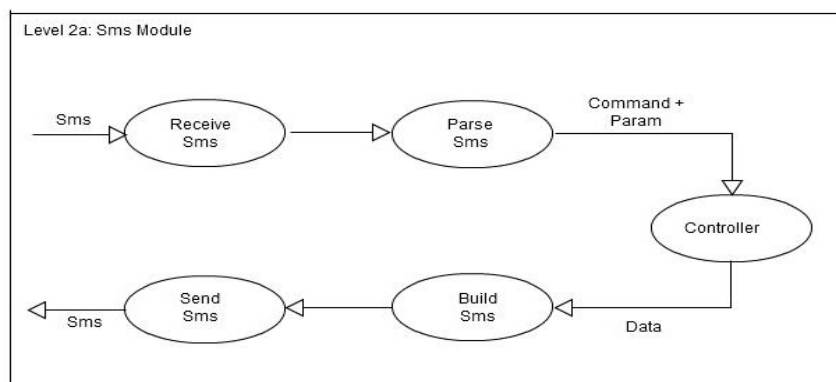


Fig 2: Working of SMS module

## V. CONCLUSION

The implementation of this system will lead to access the remote android phone through available phone. The user can efficiently handle his phone through this application. This application can also get the GPS co-ordinates with a link to Google maps if you're not near enough to your phone to hear the ringer. We are planning to provide cloud storage, so that user can even have backup of all data from android smart phone anywhere at any time. This would make easy to extract the data from the cloud storage, which was been deleted from the smart phone.

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