
ABSTRACT

Now a days phones are used world wide and provide many applications which were earlier provided only by desktops or laptops. These smart phones have brought a big change in the technical field. The most popular design earlier used is Virtual Networking Computing but here we are using more generalized two tier architecture which is applicable for android operating systems. Here we are developed an app named Remote android which must be installed on your phone. Magically allows you to access your mobile remotely. You can access & retrieve a lot of data from your mobile phone even if you don't have it with you. Here we are Provide various solution for different problem like, if we have forgotten our android phone in house, and also in case if we have lost or forget the our android phone, if mobile phone had kept it in silent mode then ringing the phone to find it, is not an option when it is in at house. Remotely administer your android phone: Ringer- Turn on the ringer from silent to General. Contact - Fetch the contact number of a person from the address book. Message - Retrieve the text messages received on your phone. Silent - Turn off the phone's ringer. Delete - Delete the data stored on the phone, IMEI – Search the location of your android mobile phone.

KEYWORDS: Mobile computing Compiler, Android Development tool kit, Smart phone.

INTRODUCTION

In Today's era the Smartphone based on android platform plays great role in the technical field, which also provides various applications. The main aim of the application is to remotely access. Remote android is an android application which is developed to perform various tasks on your phone from any other phone via simple SMS, and control your android phone remotely using SMS. The main goal of this application is, if we have forgotten our android phone at house we can still control that phone remotely, and also in case if we have lost the phone, in case if you have misplaced your phone. This application provides different features or different solutions in above cases. Such as you can remotely turn on the ringer, Fetch the contact number of a person from the address book, Retrieve the text messages received on your phone, Turn off the phone's ringer, and Delete the data stored on the phone. Remote android is an android application which is developed to perform various tasks on your phone from any other phone via simple SMS, and control your android phone remotely using SMS. The basic purpose of this application is, if we have forgotten our android phone at house we can still control that phone remotely, and also in case if we have lost the phone, we can also remotely wipe out the data stored on the phone by sending an SMS. This application is also used in case if you have misplaced your phone at house and had kept it in silent mode then ringing the phone to find it is not an option. However, if yours is an android device, then you can change the mobile setups remotely just through an SMS. We can achieve this using this application. This application also provides some extra features like you can easily check the SMS and call logs of your secondary phone if you ever forget it anywhere, from the one that as in your pocket, this app can also let you receive your incoming text messages or your missed calls, received, dialed number via, SMS, You can also remotely lock the phone. This is simple. You have to send an SMS command from your friends phone to your own phone in the provided format and the app reacts according to that command.

GOAL AND OBJECTIVE

Remote android is an android application which is developed to perform various tasks on your phone from any other phone via simple SMS, and control your android phone remotely using SMS. The basic purpose of this application is, if we have forgotten our android phone at house we can still control that phone remotely and also

in case if we have lost the phone, we can also remotely wipe out the data stored on the phone by sending an SMS. This application is also used in case if you have misplaced your phone at house and had kept it in silent mode then ringing the phone to find it is not an option. However, if yours is an android device, then you can change the mobile setups remotely just through an SMS. This application also provides some extra features like you can easily check the SMS and call logs of your secondary phone if you ever forget it anywhere, from the one that's in your pocket, this app can also let you receive your incoming text messages or your missed calls, received, dialed number via, SMS, You can also remotely lock the phone.

PROBLEM STATEMENT

The main purpose of this application is, if we have forgotten or misplaced or lost our phone then we can easily change mobile setup, and remotely control our android phone. In case we have lost the phone, we can also remotely wipe out the data stored on the phone. In case we have lost the phone, we can also get IMEI number of our phone. Remotely control android phone with SMS. If you have forgotten your android phone at house, you can still fetch number from it. In case you have misplaced your phone at house and had kept it in silent mode then ringing the phone to find it, is not an option. However, if yours is an android device, then you can change the mobile setups remotely. Easily check SMS, call list, even if our mobile is not with us.

MOTIVATION OF THE PROJECT

The application is developed using JAVA. The application is accomplished using login facility to use application and start login for Authorization. Provide various solution for different problem like, if we have forgotten our android phone at house, and also in case if we have lost the phone, and in case you have misplaced your phone at house and had kept it in silent mode then ringing the phone to find it, is not an option.

MATERIALS AND METHODS

- **Work Structure**

Remote android system is useful for the user to operate his mobile remotely from any other mobile. It includes simple sms approach to operate mobile. In case we have lost the phone, we can also get IMEI number of our phone. Remotely control android phone with SMS. If you have forgotten your android phone at house, you can still fetch number from it. In case you have misplaced your phone at house and had kept it in silent mode then ringing the phone to find it, is not an option. However, if yours is an android device, then you can change the mobile setups remotely. Easily check SMS, call list, even if our mobile is not with us.

- **Architecture**

This application provide various solution. The exact working of this application is as follows:-When you send the request for any operation on 2nd phone using 1st phone via simple sms. This sms is first entered in database of 2nd mobile phone. Then 2nd mobile phone verify the username & password which is send in sms also check the command. Then it actually display on the screen of your mobile. If username, password & command is correct then it send the response to this 1st mobile phone using sms.

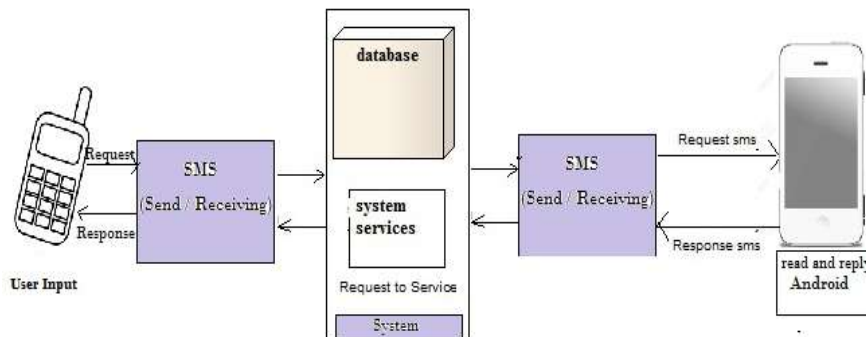


Fig of Working architecture diagram.

- **Details working of project**

To implement this design for the project, the implementation details can be considered in the following:

Contact Number: To access the contact number of particular person.

Syntax: <username> <password> Contact <Person_name>

Message: Send command Message we can get unread message from inbox

Syntax: <username> <password> Message

IMEI: Send command IMEI to android device then we get imei of our android device

Syntax: <username> <password> IMEI

RINGER: Send command RINGER to android device then profile of our android device change from silent to general.

Syntax: <username> <password> Ringer

DELETE: Send command WipeLog, Wipecontact, Wipesms to android device to wipe out logs, contact list and inbox.

Syntax: <username> <password> Delete Contact <Person_name>

- **Method**

onReceive(): Whenever the event occurs Android calls the onReceive() method on the registered broadcast receiver. For example, if you register for event RECEIVESMS then when ever SMSReceived; yourbroadcaste.

createFromPdu(): Create an SMSMessage from a raw PDU. SMSMessage Class Contains createFromPdu() method.

getSystemService(): Return the handle to a system-level service by name. example : Audio Service.

openOrCreateDatabase(): Open an Existing database or Create new if it does not exist. Class-SQLiteDatabase.

rawQuery(): Runs the provided SQL and returns a Cursor over the result set.

getOriginatingAddress(): Returns the originating address (sender) of this SMS message in String form or null if unavailable.

equalsIgnoreCase(): Compares the specified string to this string ignoring the case of the characters and returns true if they are equal.

For example

For a Contact

Step 1: START.

Step 2: Fetch contact and wipe contact .

Step 3: if fetch contact.

Step 4: then user fetch contact using command like username password command.

Eg:- username password contact contact name

username password contact Shital

Step 5: Create a message using BroadcastReceiver and intent filter concept message is sent on the

Requested mobile.

Step 6: if wipe contact

Step 7: Then user fetch contact using command like username password command.

Eg:- username password wipecontact

Step 8: then all contact is deleted on the server mobile.

Step 9: End.

ANDROID APPLICATION

- Android apps are written in the Java programming language. The Android SDK tools compile your code along with any data and resource files—into an APK: an Android package, which is an archive file with an .apk suffix. One APK file contains all the contents of an Android app and is the file that Android-powered devices use to install the app.
- Once installed on a device, each Android app lives in its own security sandbox:
- The Android operating system is a multi-user Linux system in which each app is a different user.

- By default, the system assigns each app a unique Linux user ID (the ID is used only by the system and is unknown to the app). The system sets permissions for all the files in an app so that only the user ID assigned to that app can access them.
- Each process has its own virtual machine (VM), so an app's code runs in isolation from other apps.
- By default, every app runs in its own Linux process. Android starts the process when any of the app's components need to be executed, then shuts down the process when it's no longer needed or when the system must recover memory for other apps. In this way, the Android system implements the principle of least privilege. That is, each app, by default, has access only to the components that it requires to do its work and no more. This creates a very secure environment in which an app cannot access parts of the system for which it is not given permission. However, there are ways for an app to share data with other apps and for an app to access system services:
- It's possible to arrange for two apps to share the same Linux user ID, in which case they are able to access each other's files. To conserve system resources, apps with the same user ID can also arrange to run in the same Linux process and share the same VM (the apps must also be signed with the same certificate).
- An app can request permission to access device data such as the user's contacts, SMS messages, the mountable storage (SD card), camera, Bluetooth, and more. The user has to explicitly grant these permissions. For more information, see Working with System Permissions. That covers the basics regarding how an Android app exists within the system. The rest of this document introduces you to:
- The core framework components that define your app.
- The manifest file in which you declare components and required device features for your app.
- Resources that are separate from the app code and allow your app to gracefully optimize its behavior for a variety of device configurations.

ADVANTAGES

- Remote Control Without Internet.
- Easily Access System information.
- Provide Security To Personal Information.
- Easily Access Data.
- Delete Data Easily.

FUTURE SCOPE

- The following are the future scope of the website:
- The addition of sms filtering can be added.
- The more attractive views can be created.
- Device can be locked remotely.
- More strong security can be given.
- The software can be modified for large scale use.
- Allow user to specify his own attention words (Database connectivity).
- Get notification of a SIM card change.

CONCLUSION

This Application is very useful in case, If we have forgotten, misplaced, lost our android phone .we control our phone remotely through SMS and the apps reacts according to that command. The system has been developed with much care that it is free of errors and at the same time it is efficient and less time consuming. The important thing is that the system is robust. Avoid malfunction from outsiders .It goes through all phases of software development cycle. So product is accurate. Also provision is provided for future developments in the system.

ACKNOWLEDGEMENTS

We express our profound gratitude to our internal guide **Prof.Mr.Dhonge.G.R.** of Information Technology Department for his guidance and help through the development of this project work by providing us with required information with his guidance, co-operation and encouragement


We would like to thank **Prof. Mr. Phulawde. S.P.** Head of Department of Information Technology for his valuable guidance for bringing shape of this project.

We express our special thanks to our principal **Prof. Mr. Gunjal Y.S.** on behalf of our Information Technology Department for his kind co-operation.

REFERENCES

- [1] Vipul Delwadia, Stuart Marshal, Ian Welch "USING REMOTELY EXECUTING SOFTWARE VIA A MOBILE DEVICE" Buntarou Shizuki, "VNC-BASED ACCESS TO REMOTE.
- [2] COMPUTERS FROM CELLULAR PHONES" Timothy Vidas, "ALL YOUR DROID ARE BELONG TO USA.
- [3] Chaitali Navasare, Deepa Nagdev and Jai Shree, "POCKETDROID - In fopmation and Network Technology (ICINT 2 012) IPCSIT vol. 37
- [4] R.Manikan dasamy, "REMOTE DESKTOP CONNECTION USING MOBILE PHONE", International Journal of Scien ce, Engineering and Technology Research (IJSETR) Volume 2 , Issu e 8, Au gust 2013 Ajit Kotkar and Alok Nalawade, "ANDROID BASED REMOTE.
- [5] 3G Mobile Terminal Development Trend of the operating system
- [6] [M/OL] <http://pda.c114.net/32/c4948.html>, 2007
- [7] Android Architecture 2010[R/OL].
- [8] Static detection of malicious code in executable programs by J.
- [9] Bergeron, M. Debbabi, J. Desharnais, M. M. Erhioui, Y. Lavoie, and
- [10] Android Official Website (2008)—“Android | Official Website”,
- [11] An Android Application Sandbox System for Suspicious Software
- [12] Detection, by Thomas Blasing, Leonid Batyuk, Aubrey-Derrick
- [13] Schmidt, Seyit Ahmet Camtepe, and Sahin Albayrak

AUTHOR BIBLIOGRAPHY

	Unde Shital Nivrutti. Information Tecnology Department, JCEI'S Jaihind Polytechnic Kuran, Tal –Junnar, Pune, India.
	Dherange Shradha Anand. Information Tecnology Department, JCEI'S Jaihind Polytechnic Kuran, Tal –Junnar, Pune, India.
	Thorat Mrunal Jagdish. Information Tecnology Department, JCEI'S Jaihind Polytechnic Kuran, Tal –Junnar, Pune, India.
	Sasane Shital Kisan. Information Tecnology Department, JCEI'S Jaihind Polytechnic Kuran, Tal –Junnar, Pune, India.