RETRIEVING CALL LOGS AND SMS BY MESSAGING SERVICES

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Abstract

Messaging so as to recover Call Logs and SMS Administration is the cell telephone based correspondence application. Numerous applications require the capacity to do ongoing warning when occasions happen. Frequently the general population who should be kept mindful of occasions are in a remote area. Here the same is to giving the notice to the client at whatever point they need to correspond with their versatile for all intents and purposes. To discover the contact log from the Android cell phones at whatever point we required the contact and change the profile method of the gadget for our convenient. User need to join with name, secret word. This application demonstrated to get the late call logs points of interest when you sent a charge as message to the gadget. What's more, the client can get contact number through passing orders with secret word. It is utilized on Business perspective reconnaissance and Security. On the off chance that the client need to screen his versatile and he have to get to the late call logs, for example, got calls, missed calls, and dialed calls which might be critical or you have to get to the contact rundown of your cell telephones and change the method of your cellular telephones, our application will get such data and pass them in the instant message arrangement to the administrator portable additionally change the method of cell telephones. The administrator is the proprietor who sent the remark to the portable to reconnaissance his versatile.

Keyword: Messaging, Android, mobility, automation, Call Logs, SMS Service.

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Our application will get such data and pass them in the instant message configuration to the leader portable likewise change the method of cellular telephones. The officer is the proprietor who sent the remark to the versatile to observation his portable. The code is accommodated every activity to perform. Based upon the code gave by the client the activity is finished. In the event that the client send the code with the secret key from other portable the activity is performed.

II. Related Works

It is impractical to get the versatile data without help of a few people and it is unrealistic to change the profile of the portable without client communication. Once a client neglect to convey the portable and need to know his versatile's present status or need to reconnaissance his portable in the sense it is conceivable to do such things with no human activity. Likewise, in existing framework we need to change the portable's profile or mode every single time physically. Not just that, in the event that we have neglected to bring the portable and the versatile is in the quiet mode, we can't change the versatile's mode in any capacity. These are the disadvantages in the current framework.

I. Introduction

This application demonstrated to get the late call logs subtle elements when you sent a charge as message to the gadget. Furthermore, the client can get contact number through passing orders with secret

III. Proposed Work

This application demonstrates that this strategy regards reconnaissance the client versatile for all intents and purposes from some other spot through message summons to get the late contact points of interest. What's more, we can change the profile method of the gadget by sending a solitary message paying little respect to where we are right now. Likewise we can maintain a strategic distance from your gadget access from other human connection. In the event that the client needs to get the late call logs, he can recover it through our summon.

A. Architecture Diagram

![Architecture Diagram](image-url)
B. Proposed Architecture Overview

**Economical Feasibility:** This study is completed to check the monetary effect that the framework will have on the association. The measure of asset that the organization can fill the innovative work of the framework is restricted. The uses must be defended. Hence the created framework too inside of the financial backing and this was accomplished on the grounds that the greater part of the advancements utilized are unreservedly accessible. Just the altered items must be obtained.

**Technical Feasibility:**
This study is completed to check the specialized achievability, that is, the specialized prerequisites of the framework. Any framework created must not have an appeal on the accessible specialized assets. This will prompt levels of popularity on the accessible specialized assets. This will prompt levels of popularity being put on the customer. The created framework must have an unobtrusive prerequisite, as just negligible or invalid changes are required for actualizing this framework.

**Social Feasibility:**
The part of study is to check the level of acknowledgment of the framework by the client. This incorporates the procedure of preparing the client to utilize the framework effectively. The client must not feel debilitated by the framework, rather should acknowledge it as a need. The level of acknowledgment by the clients exclusively relies on upon the techniques that are utilized to instruct the client about the framework and to make him acquainted with it. His level of certainty must be raised with the goal that he is additionally ready to make some helpful feedback, which is invited, as he is the last client of the framework.

IV. Modules Usage

Retrieving Call Logs and SMS by Messaging Service is an application designed for users who have more than one mobile phones. This application helps the user to retrieve call logs and messages from the other mobile if it is misplaced at home or office.

**Emulator:** Emulator is used by using the software eclipse which is used to run android emulator in system so that the application which is being created can be tested then and there

**Advantages of Emulator:** All applications can be tested using the emulator So that the application will work in any
version of android device. Emulator mostly available as a free software. By using the emulator we can perform UI and performance testing. The version of emulator involved in this project is Eclipse Mars

**Types of modules:**

A. User Authentication Module

The client verification module is to check whether the approved client is signed in. This validation procedure is to check that the given client name and secret word is legitimate. Before signed in one time enlistment is obligatory. In this module an enlistment page has been made to make username, secret key and stick number, enrollment page contains fields of username, watchword, Pin number and mail ID. At the point when client fill ups every one of these subtle elements and finishes his/her enlistment by clicking registers catch these points of interest will be enrolled in SQLite database, which serves as backend. Once the enrollment is done, the made username and secret key serves as customary login qualifications. The User is Successfully Registered into the application

B. Customize Commands Module

The tweak summons module is to permit the client to modify his charges by his own. Default orders likewise accessible yet this alter charges choice helps the client to set their own particular orders for each custom choices. Client can utilize both custom and default charges to get to the versatile

C. Contact Module

In this module the approval takes after with the contact number, if the client needs a contact number in crisis, he/she needs to make an impression on his/her gadget which is sitting tight to answer for the got message group as said underneath. To recover contact number PIN NUMBER-CONTACT-NAME-RES

![User Authentication Module](image1)

Figure 1. User Authentication Module.

![Contact Module](image2)

Figure 2. Contact Module.
In the event that the above conditions fulfill, the telecast beneficiary reacts an answer to the same number where message got, for above conditions the contact will be sent as message. The Contact of a Particular Person is received by sending a Message

E. Message Module

In this module inbox will be followed, if the client needs his/her new SMS shape his/her inbox he/she needs to send a SMS which fulfills the beneath condition

To get new SMS from Inbox PIN NUMBER-INBOX-RES

The SMS will be sent back with the contact number where it got with the date and time of that SMS.

On the off chance that the above conditions fulfill, the show collector reacts an answer to the same number where message got, for above conditions the contact will be sent as message.

F. Sound Profile Module

In this module client's versatile sound profile can be changed to quiet mode and Normal mode, for these progressions client needs to fulfill the beneath configuration

To actuate Normal mode PIN NUMBER-NORMAL-RES

To actuate Silent mode PIN NUMBER-SILENT-RES

On the off chance that the above conditions fulfill, the telecast collector reacts an affirmation message answer to the same number where the profile has been change without fizzle

G. Call Log Module

This module is specially designed for fetching out the call log details such as missed calls, received calls and dialed calls.

When the user’s mobile receives a message it goes for validation [1] it has to satisfies the format as listed below,

Missed call PIN NUMBER-MISSED CALL-RES

Received call PIN NUMBER-RECEIVED CALL-RES

Dialed call PIN NUMBER- DIALED CALL-RES

If the above conditions satisfy, the broadcast receiver responds a reply to the same number where message got received, for above conditions the message will be replied with date and time.

V. Execution: Execution is the phase of the task is that the working framework is transformed into hypothetical
procedure. Subsequently it is thought to be compelling and helpful to the client. The current framework is examined with watchful arranging which includes the usage stage. This research work is not platform independent i.e.: this application runs only in android mobile phones After installation of the application in android smart phone Call Log Retrieval can be done within fraction of seconds by the user. Improves the accuracy of calculation. Misplace of mobile will be very less

VI. Algorithm Explanation

This algorithm explains the connectivity between Sql Database and application. This connection takes place in step by step process

step 1. Initially introduce the Application that is portable and get the data from the Application.

step 2. To get the Incoming message utilize telecast beneficiary.

step 3. In the event that it is same it Start the new action.

step 4. In the event that the substance message is same to database substance and it will begin the message action and it get the late five messages. step 5. In the event that the message substance is same to the database substance and it will begin the new action and its get late five call logs that is Incoming call logs or active call logs or missed call logs.

step 6. On the off chance that the message substance is same to the database content it will get the authorization from android show and to change the Mode to quiet or ordinary.

step 7. On the off chance that the message substance is same to the database content it will bolt the screen. step 8. In the event that the message substance is same to the database content it will get the it will read the contact.

step 9. At last the action send the earlier data to the client

VII. Future Scope

In this Undertaking ,we have included all the future, in further future improvement for the configuration or creating while the versatile exchanged off that data send to enrolled interchange portable number

VIII. Conclusion

In this application, we talked about framework design and its work process. We understood one application in view of versatile surveillance.

People a few times kept the trailer or wherever and went outside around then they need to know any contact number or
got back to they come and get the data. In this application individuals get the information through message praise with password. At anyplace at whatever time they can get the information.

References


