ANDROID APP: MOBILE THEFT ALERTER

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Abstract— This application will run when the person who has stolen the phone will replace the SIM or restart the phone. But the user who stolen doesn't   know that an automatic message is being sent to the predefined numbers. This message will contain the data what we have entered after the installation of the application. This information will be sent as a message to the pre-defined number till the application is runned in the mobile. This will be like a torture to the user and makes it easy to find the user's mobile number.

Index Terms—About four key words or phrases in alphabetical order, separated by commas.

INTRODUCTION

In our application, we find the stolen mobile when it is restarted or when the SIM is replaced with another SIM. Then the application will activate the messaging system and then it will send the message regarding lost mobile along with mobile phone IMEI numbers to the pre-defined numbers in the mobile contacts which are registered at the time of installation of the android application.

Abbreviations and Acronyms

Define abbreviations and acronyms the first time they are used in the text, even after they have already been defined in the abstract. Abbreviations such as SIM,SMS,IMEI.
SIM: Subscriber Identification Module
IMEI: International Mobile Station Equipment Identity

METHODOLOGY

In our application the basic methodology is to send the SMS when the mobile is restarted or when the SIM is replaced In this, at first we have to install the app and login to the app. If the entered details or valid details, then login is done successfully otherwise, it shows that the details are invalid.

If the login is done successfully then he/she will move to the next page in that page they can add the pre-define number and the message content and they have to submit the details now the app is done successfully. If the mobile is restarted or when the SIM is replaced. At the time our application will get started and sends the SMS containing the message which we entered after the installation.

Sends Message When The SIM Replaced Or Mobile Restarted:

when the SIM is replaced, we will get the message to the pre defined number, which we entered after the installation of the app. For suppose the stolen person replaced the SIM with his SIM the message will be sent to the pre defined number from his phone number along with IMEI numbers of that stolen phone.

SYSTEM ARCHITECTURE

For building this application we used android application 3.3.1 and MySQL data base for backend and java for frontend. We build this application in WINDOWS 10 OS with 4GB RAM. And this application is suitable for all android mobiles.
Login to the application

Algorithm:

Step-1: Insert SIM , Switch on the phone

Step-2: install the app

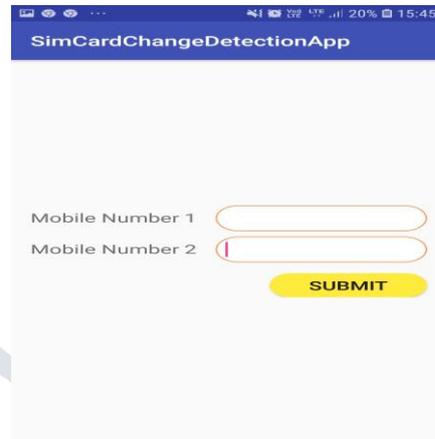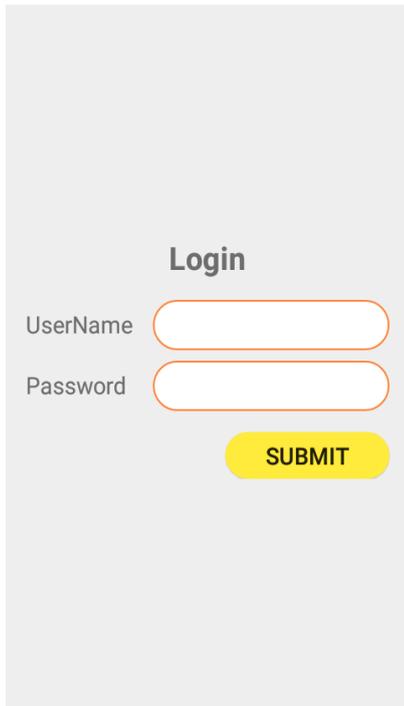Step-3: register into the app

Step-4: login to the app

If username and password are valid then

   Print "login successful"
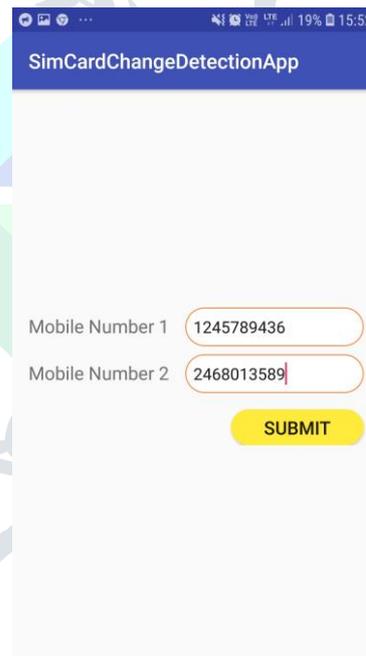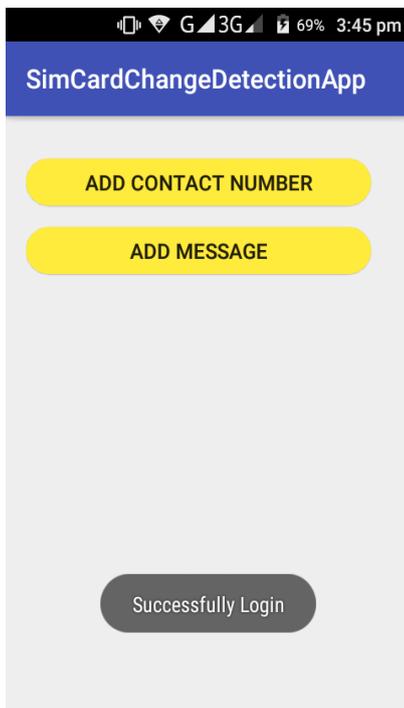
Else

   Print "login failed"

Now , we have entered the predefined number

After Login Is Successful

Step-5: Add contact numbers

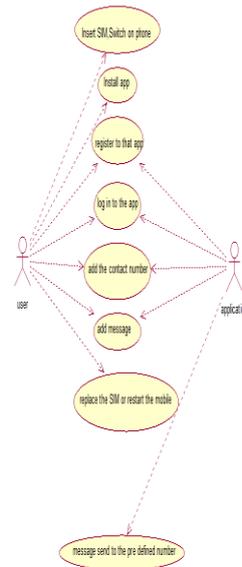*Step-6: Add message*

After entering the predefined   numbers,Click on submit buttom.

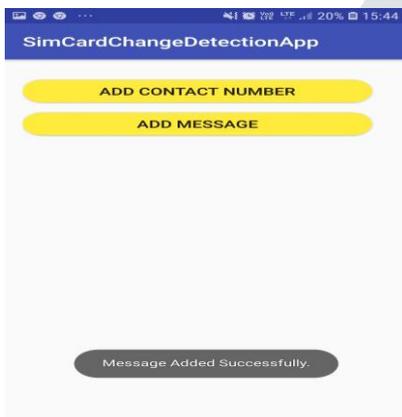Then it will display a message like "mobile numbers added successfully"

Adding of contact numbers
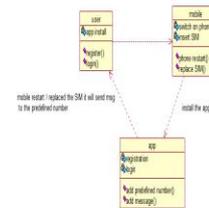
 Step-7: add pre-defined numbers

Adding the   Message

In   the above figure, we will add the message.

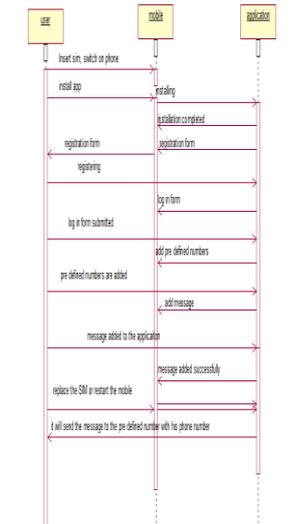Class Diagram

In the above diagram, we added the message successfully.
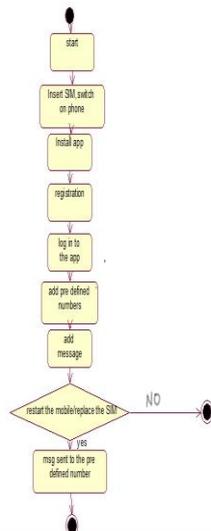
DESIGN

Sequence Diagram

Use Case Diagram

Activity Diagram

REFERENCES

1) Mobile Theft Detection with Automatic Location Tracking By Android Application R.Vignesh Kumar, S.Venkatesh and G.Nagarajan Department Of Information Technology, S.K.P. Engineering College, India
2) Anti-Theft Application for Android Based Devices by Shweta Dhanu, Afsana Shaikh, Shweta Barshe Bharati Vidyapeeth College of Engineering, Navi Mumbai, India.
3) Mobile Tracing Software for Android Phone Anuradha Sharma1, Jyoti Sharma4, Dipesh Monga2, 1Information Technology, College of Technology and Engineering, Udaipur
4) https://android.googlesource.com/, last accessed on Aug 06, 2013

CONCLUSION

Firstly,when the phone was stolen by someone then they will switch off the phone and later he/she will replace the SIM , and they restarts the phone.

Now,in our application this is the basic thing we kept in our mind,that the stolen person will restarts the phone with their new SIM.For this purpose we have choosen this kind of project.This application is beneficial to the person who lost the phone.