

ANDROID EMERGENCY SECURITY APPLICATION

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Abstract— Developed an attack android application. It is designed for people who are under attack. They would press a button on their phone and it will gather their current location and start recording a 5 second video with sound. This will then automatically send the location and video straight to the police or friend. The application also can activate u...

Android Attack application

A big application built for android handheld devices. It is an application that uses services of camera , sms , email , contacts , GPS , acronyms acceptable . It sends videos to a current location co-ordinates for use by police or friends.

I. INTRODUCTION

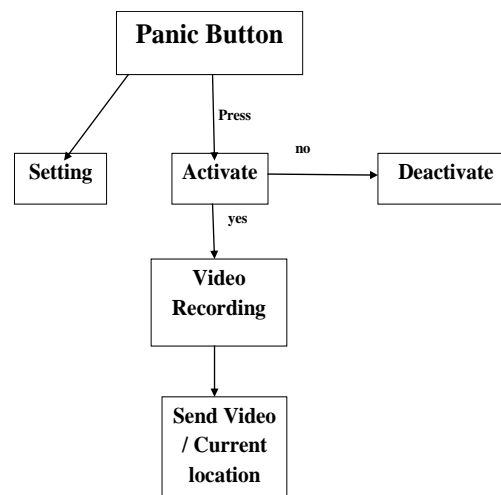
This application is generally meant for the attention of the authorities or public in the emergency response capabilities such as terrorist attacks and the natural disaster by facilitating the communication with their respective along the mobile phones.

The difficulties in the existing application are the lack of situational awareness and communication terminology among their respective. Due to this response and recovery is difficult to the authorities .In respect of the public safety with the support of the network provider the application runs in the android phones in efficient way to identify and recover the problem by the natural disaster or terrorist attacks etc...

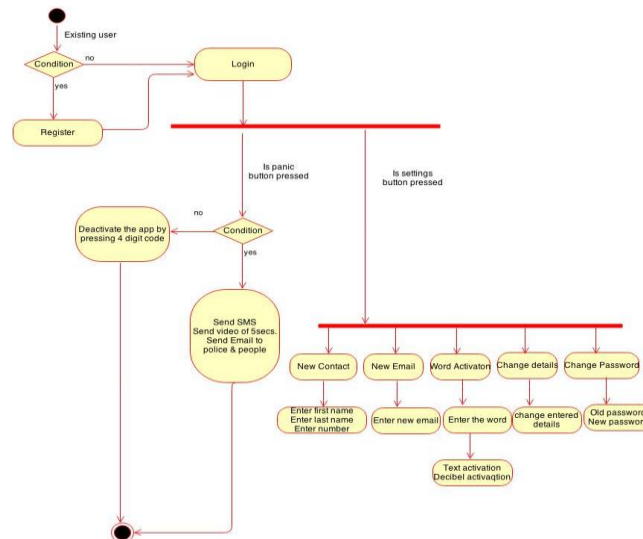
Furthermore users are likely to operate the mobile devices for the security purpose to intimate the problem detection to their respective in the emergency cases.

II. WORKING

Flowchart:



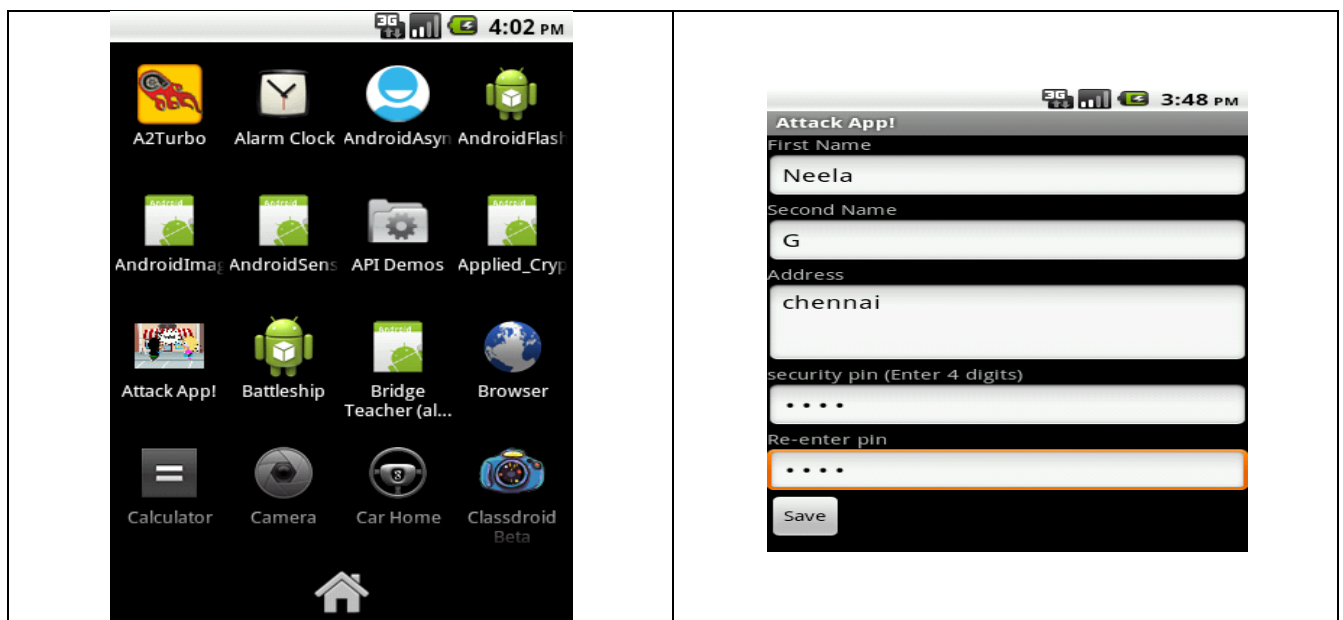
UML Diagram:

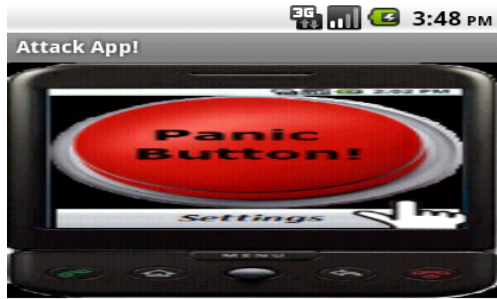


III. IMPLEMENTATION

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective.

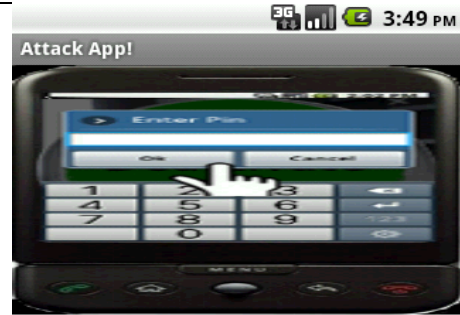
The implementation stage involves careful planning, investigation of the existing system and it's constraints on implementation, designing of methods to achieve changeover and evaluation of changeover methods.





When you want to activate the Attack app, press the panic button.

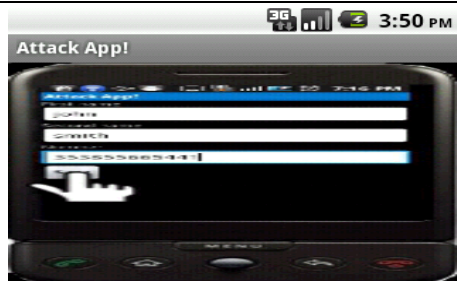
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When it is in active state, you can deactivate the app by pressing the deactivate button. You then enter your 4 pin code and press ok to deactivate it. You only have 10 seconds to do so

Next

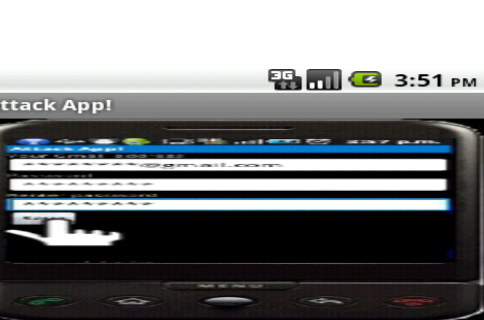
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Click settings to change App operation. click on contacts and add new contact. This will be the person you will send the information to. You can add as many contacts as you want. you can delete a contact by holding the button of their name

Next

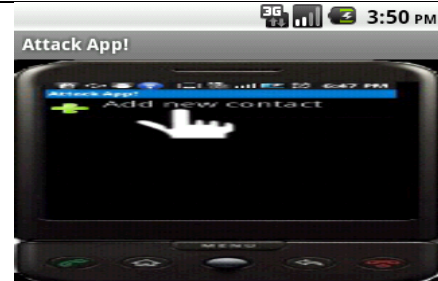
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When you first click the Email contacts button, you will be asked to enter in your Gmail address and the password to access that Gmail account in emergency. when you fill in the form you can then add Email contacts like you did with phone contacts.

Next

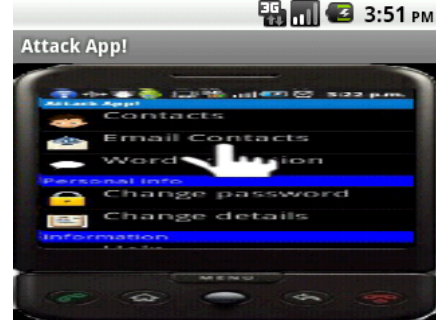
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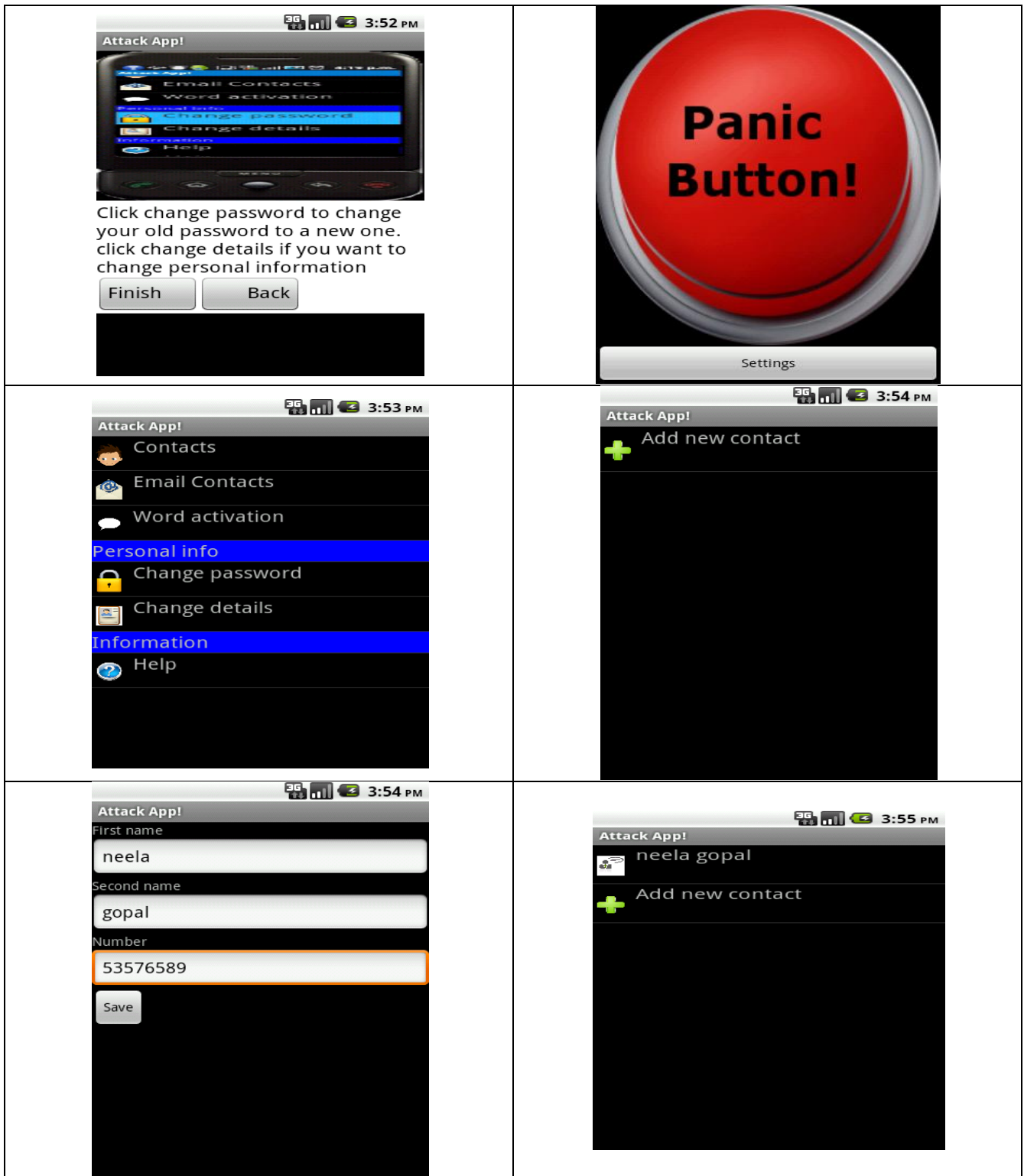
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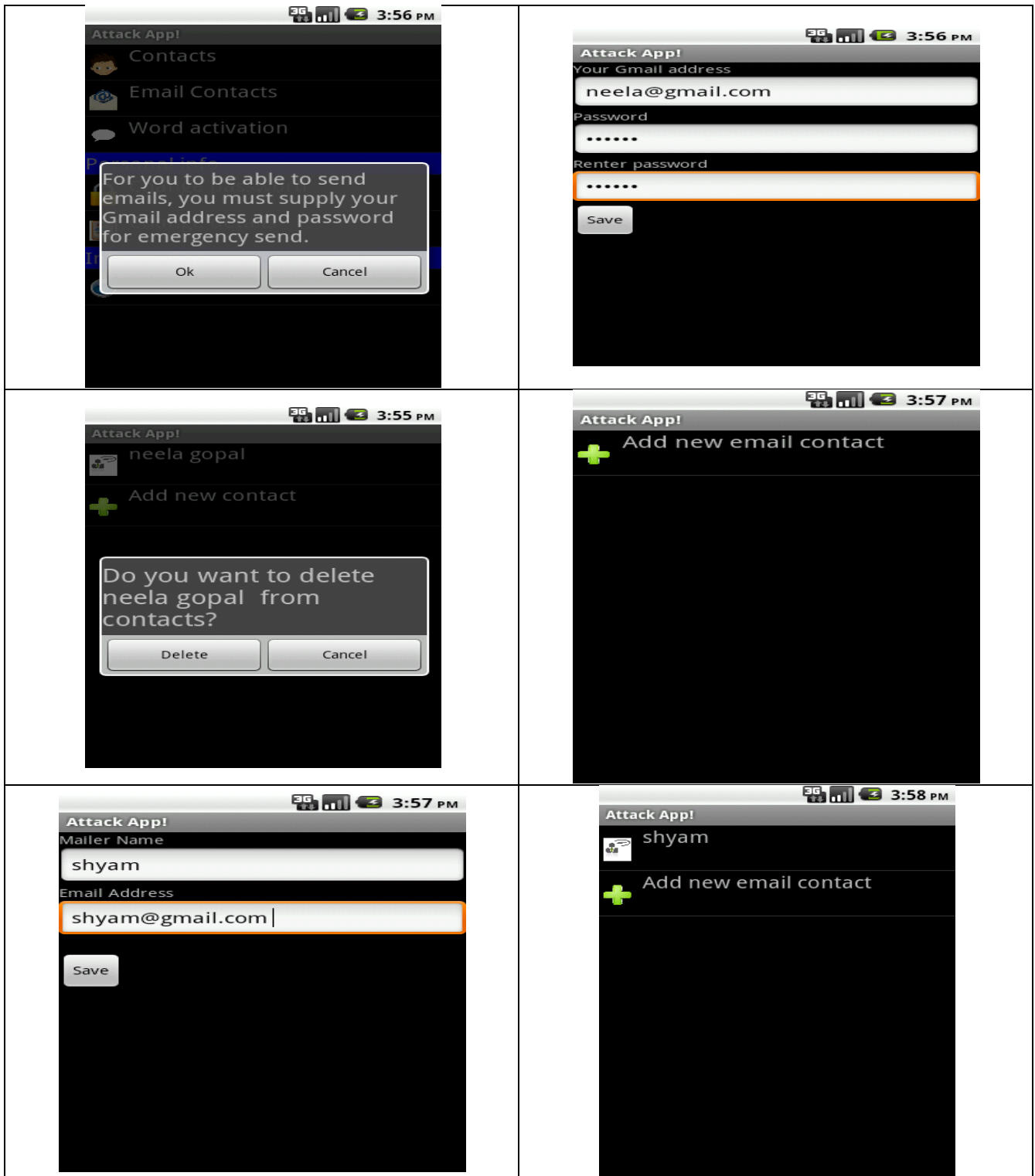
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when you click word activation, you can set the word you want to activate the app. press save when you typed it in. if you want to turn the word activation on, click it on at the bottom. you can also activate a decibel system where it will go off when it reaches a certain noise level.







IV. CONCLUSION

This is my first attempt in developing a mobile application which gave me a basic understanding of development and challenges of mobile application development.

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V. FUTURE SCOPE

We can provide panic button on wearable items such as ornaments e.g. we can provide panic button on ring.

REFERENCES

- [1] J Whipple, W Arensman :A public safety application of GPS-enabled smart phones and the android operating system IEEE conference Systems, Man and Cybernetics, 2013
- [2] Ashokkumar Ramalingam, Prabhu Dorairaj and Saranya Ramamoorthy PERSONAL SAFETY TRIGGERING SYSTEM ON ANDROID MOBILE PLATFORM Department of Electrical Engineering, Blekinge Institute of Technology, Karlskrona, Sweden