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Trouble security android application development using java

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ABSTRACT

It is designed for people who are under trouble. 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 automatically send the location and video directly to the police or any of your friend's Mobile number. It's very useful for our safety in a critical situation. A big application built for android handheld devices. It is an application that uses services of camera, SMS, email, contacts, GPS. It sends videos to current location co-ordinates for use by police or friends.

INTRODUCTION

Every human on this planet is working hard for a comfortable living and wants to safeguard his investment that he has made in his day to day work. Ultimately, at the end of the day we all seek for security of life and our belongings. The major question to ask your self is we really secure? The world is not perfect and we are susceptible to the dangers that exist in the society hence the urge to feel protected and safe is fulfilled by the use of hidden cameras. A hidden spy video camera can be available anywhere. We should be conscious about this aspect, because we might be in a particular place, where our actions will be recorded without us being aware of it. Unfortunately, the very reasons that make this device so effective can also lead to its misuse by some. Sex scandals involving women and children have occurred due to being recorded illegally.

Profits are made through exploiting this to others whose actions have been monitored by a hidden camera. Victim's lives are bust through the same technology that should have been used to make people feel secure. There should be some

way or technique which can help the person to maintain their privacy. So we have to propose a big application built for android handheld devices. It is an application that uses services of camera, SMS, email, contacts, GPS. It sends videos to current location co-ordinates for use by police or friends.

EXISTING SYSTEM

In this existing system user who have in critical situation want to send current information to friends or police or family have to do manually and make call to particular member and then have to inform or else have to send manually. If the user in critical situation means couldn't do anything. Have to manually mean call or SMS so specified member who want to send the details. In the urgent situation couldn't do anything manually it will take time to inform those details to particular member.

PROPOSED SYSTEM

In this current system can use anybody who have android mobile in critical situation. We

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would press a button on their android phone it can gather current location using GPS and record five second video with sound using camera and sound

system and finally it will automatically go to friends or police whose number is registered before by that particular user in his/her mobile.[1-5]

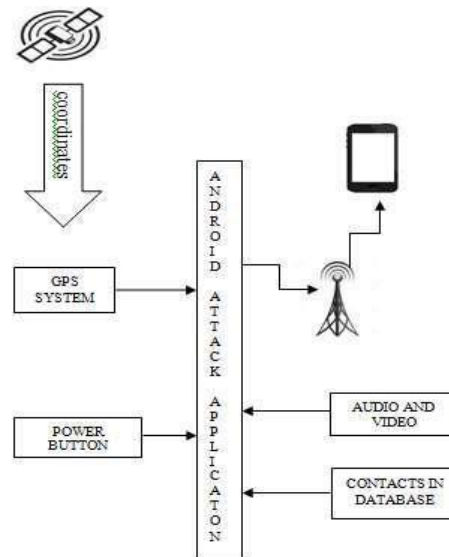


Fig 1. System Architecture

GPS System

GPS the Global Positioning System is used to get the longitude and latitude details of the user's location. A GPS receiver aware the location of the satellites by approximated how far away a satellite is, the receiver also distinguish it is located elsewhere on the exterior of an imaginary sphere centered at the satellite. It then actuates the magnitude of several spheres, one for each satellite and therefore realizes the receiver is located. Satellite behaves like the stars in assemblage. We know where they are taking for granted to be at any accustomed time. The ground stations avail radar to brew sure that they are absolutely where we contemplate they are. A receiver, may catch your mobile phone is constantly auscultate for a signal from these satellites. The receiver figures out how many distance they are from some of them. Once the receiver determines its distance from more than four satellites located in the ground, it finds faultlessly where you are. From miles up in space your location on the ground can be determined with outlandish preciseness! They can usually determine where you are within a few yards of your actual location.

DB Contacts

At first user of android attack application should save some details. These details consist of: contact numbers of friends, family etc. send the text message to the recipient. if victims feels unsafe and defenseless at any time then by pressing any key of her mobile deliberately the alert message is send to nearest police control room, family, ambulance, friends which are in necessity list. That alert message will contains the entire location of that victims place, and images of that area which are taken by camera of her mobile.

Audio and Video Record

It includes recording of audio and video for 5 seconds. These functions are done by the audio/video facilities of the users mobile and it is stored in the phone itself. This can be used to get data about the atrocity or incident in future.

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 its constraints on implementation, designing of methods to achieve changeover and evaluation of changeover methods.

CONCLUSION

The proposed system is designed to overcome all the drawbacks of the present system and to provide a better solution to provide human

security. The preliminary experiments showed that our proposed systems will be able to identify insecure environments. . Thus it can be deliberated to be the most dangerous stage in realizing a effective new system and in giving the user, confidence that the new system will work and be effective. The execution phase includes cautious outlining, inspection of the existing system and its constraints on execution, designing of methods to reach changeover and evaluation of change over methods. It is our hope that the project will protect all human beings from those who would commit such despicable crimes.

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