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# Women Safety App

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***Abstract:*** ***In today's world, people using smart phones have increased rapidly andhence, a smart phone can be used efficiently for private security or various protection purposes hence, a smart phone can be used efficiently for private security or various other protection purposes. The dangeous incidents that outraged the entire other protection purposes. The heinous incidents that outraged the entire nation have waken us to go for the safety issues. So we have created a app so that women can feel safe when they go outside. In The feature of this application is to send application is to send the message to the registered contacts continuously, i.e. sharing the message to the registered contacts continuously and sharing the live location. Continuous location tracking information helps to seek out the location, tracking information helps to find the location of the victim and can be rescued safely.***

***Index Terms: Android Application, Women Safety, Java, protection***

## I. INTRODUCTION

Women are working at different diverse groups for a common cause. womens work across different places, religious, political, and cultural divides to promote peace. We are all know about importance of safety of women's but we must realize that they should be properly protected. Womens are not physically strong as men, in an emergency situation a helping hand would be a relief for them.

It is the best way to minimize chances of getting a victim of violent crime (robbery, sexual assault, rape, domestic violence) is to identify and call on to the friends and parents to help you out of dangerous situations. When we are in immediate trouble or get separated from friends during a night out and don't know how to get home, having these apps on your phone can reduce your risk and will he useful to stay safely

Though there were several apps originally developed for students to reduce the risk of assault on women, they are suitable for all women in the light of recent outrage which shook the nation and woke us to the safety issues for our daughters and all the women, people are gearing up in different ways to fight back. new apps have been developed to provide security systems to women on their phones, so that they can use when they are in need.

This app ensures the safety of women. it helps to identify and call on resources to help the one out of dangerous situations. These reduce risk and bring assistance when we are in danger the help us to send the location to the contacts . The app we designed is to provide security to women is the main purpose of this app to provide the awareness on the time of critical situation for women. The using person can use this service by adding the emergency contacts using the emergency contacts icon in the app. When the person is emergency the user would have to shake up his/her handset, after that a distress signal(SOS) will automatically got generated from the user end and will send SMS messages to those contacts which are saved in the phone at the time of registration. The SMS message contains that they are in danger and exact location of the victim. This app has different features and acts as a very powerful alarm that works on 24 hours to keep you safe. We will be very helpful in such situation where we have take help of this app, but if in case you come across such situation we have to press on the red button of the app will inform to our parents and friends about your location as well as a text that will make them aware that you might need some help on urgent basis, finally they can give some feedback for the app by pressing "send feedback" button.

## II. MODULE

### *A. Admin Module*

In admin module, admin has to login in the application by using valid user name and password. After login successful he can perform some operations such as he can see the who registered in the app, who used the app at which time and the feedbacks given by the users to develop the app, so that it will be mostly used and update the data in the application.

### *B. User Module*

In this module, In this module users login to use the features or signup if it is first time, if the person presses "emergency call", messages and the calls will go to the contacts. When the person presses the button "live location" the app will get the live location and sends to the contacts, in "self defense" section the person can see the tutorials related to the defense training, another section has blogs and articles

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## III. SYSTEM ANALYSIS

### A. *Existing System*

*1)* This safety app is designed to enhance the safety for women, kids and everyone. At any time ans anywhere

*2)* Our intention is to provide with the fastest and simple way to contact your nearest and dearest and emergency center.

*3)* When there is an emergency, it will be difficult to get ideas and we will be in fear, however it is important that our parents and friends ae to be notified that we are in danger, so can find the exact location come and help them.

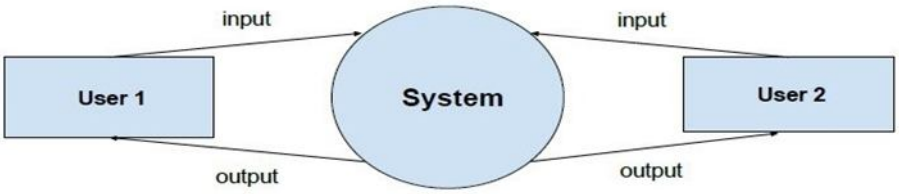
*4)* Existing system does not have a feature to send messages to 3 members at a same time and to the near police station and a siren sound. These features will be helpful to the women who are in need of help.

### B. *Proposed System*

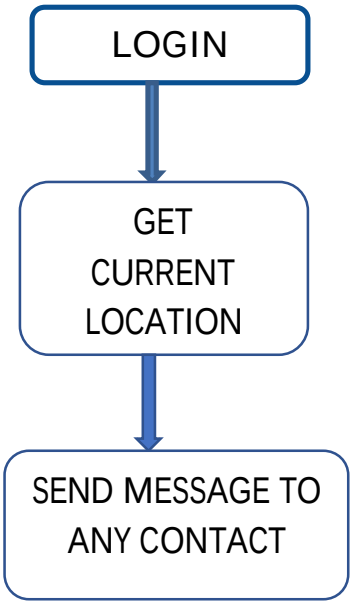
The proposed system overcomes the disadvantages of the existing systems where the existing system not have a feature to send messages to more than 3 members at a time. The proposed system is based on gps, It consists of GPS device i.e. any Android Phone. The device will provide the location information to the contacts

The system which is proposed is based on advanced sensors. Whenever the user shakes the phone, a distress signal will be send to the contacts which are added in the emergency contacts list and call to the main person in the contact.

## IV. DATA FLOW




## V. ARCHITECTURE




The architecture shows the flow of the architecture of the application. Where the flow starts with login the application continued with the usage of the features where we can send the messages to the any contact present in the application. We need to press the emergency call button to send calls and messages to the person when they are need. Before that we need to save the contacts in the phone to send the messages and calls to the contacts and the location must be in on to send the location to his parents and friends.

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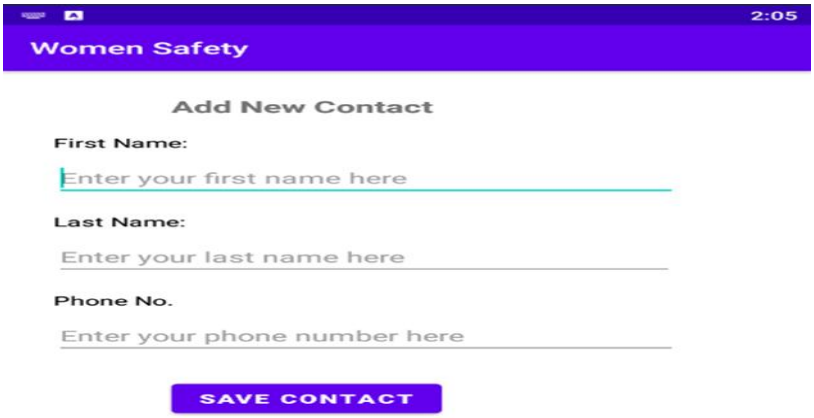
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## VI. SCREENSHOTS OF THE APPLICATION

*A. Home Screen*




*B. Adding Contacts in the Application*




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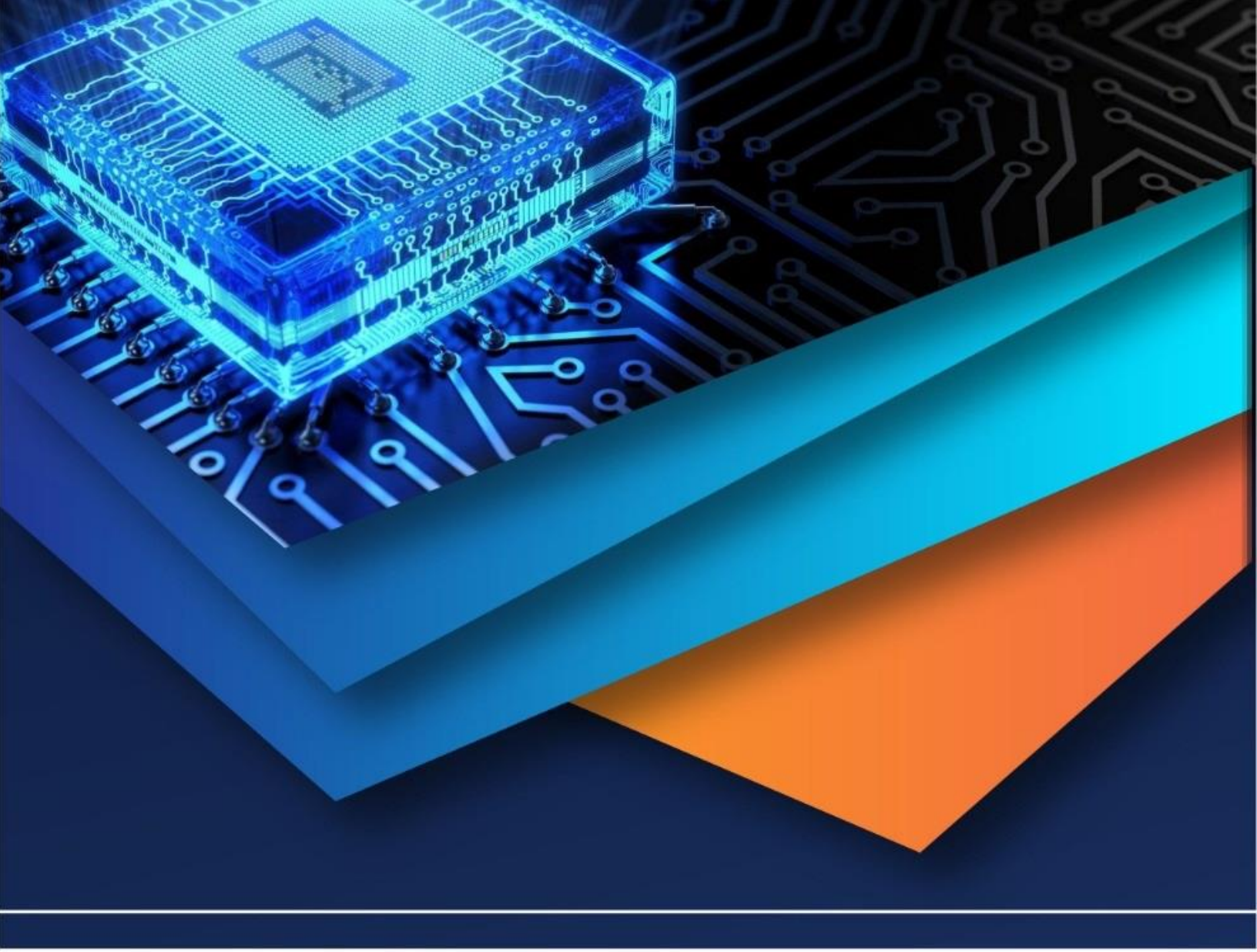
## VII. CONCLUSION

This paper describes the application of women's safety app that is designed in android platform for safety of women with the aid of recent improvements in mobile technology. this project is to use which is useful for the user when he is in some problem or needs any help. When the user opens this application, he can see a emergency help button, send location,self defence and feedback buttons, emergency button will call to the persons numbers saved in the app and send location will send the location of the victim to the contacts by tapping the button and by pressing self defence button will open the videos and tips of self defence techniques, in feedback they can send the feedbacks to develop the application. It has a most useful feature when a person shake phone 3 times the phone will give siren sound, which will be latest technology updation and older apps does not have a feature to send message more than one contact same time.

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