

# Women Safety System

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**Abstract** :- We can now stay in touch with anyone and practically anywhere in the globe thanks to the rapidly evolving Internet technology. People who require assistance immediately can be assisted using the same extensive Internet network.

As a technical word, "violence against women" is used to refer to all acts that are specifically or solely perpetrated against women in order to hurt them. Security for women is an important problem, and everyone needs to take action to protect them. When it comes to safety and security, a smart phone can be an effective instrument to stop violence against women.

This safety application is intended to raise alerts and send notifications if anyone in the area encounters an emergency.

This android-based safety app can allow a group of individuals keep in touch and assist one another in case of an emergency in the shortest amount of time feasible

**Keywords**- : apps, android, mobile, safety

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## Introduction

Almost everyone now owns a smartphone, which has become indispensable. Smartphones are regarded as a blessing because they are more versatile than traditional mobile phones and can do much more than just make and receive calls and texts. It can be employed by transforming it into an emergency safety tool that people can use when they find themselves in a potentially hazardous scenario. By enabling users to instantly alert people of an emergency with a variety of features, it will simplify the process of getting assistance.

A personal safety application called Women Safety System is available for usage. These apps gained more public attention after the 2012 Delhi gang rape case and subsequent demonstrations against "brutal rapes, molestation and sexism towards women. With technologies like GPS, SMS, texts, calls, and more allowing a user in distress to inform onlookers and close friends, technology, notably social and mobile tools, are playing an essential role in increasing general personal safety.

This android-based safety software offered here intends to raise alarms and send notifications whenever

somebody is experiencing an emergency in the form of a threat from someone, a health emergency, an unintentional emergency, and so on.

### Literature Survey

As part of our literature survey, we studied different market-ready applications for safety of women. The first aim is to investigate how these applications work and discover how they might be improved and differentiated.

. The goal is to examine how these programmes perform and how they might be improved. Atrocities against women are becoming more common today. In these situations, a smart phone is essential for women's protection. Now, Android is developing certain applications for women's security.

#### Existing System

1] FIGHTBACK:- This app is developed by Mahindra faction. In earlier days, this app was not complimentary, customer have to compensate for this app. But after Delhi gang rape incident, this app is on hand at no cost. This app sends a message to your friend or contacts that "user is in trouble through Email, SMS. This app works on those

mobiles that support Android Java Programming

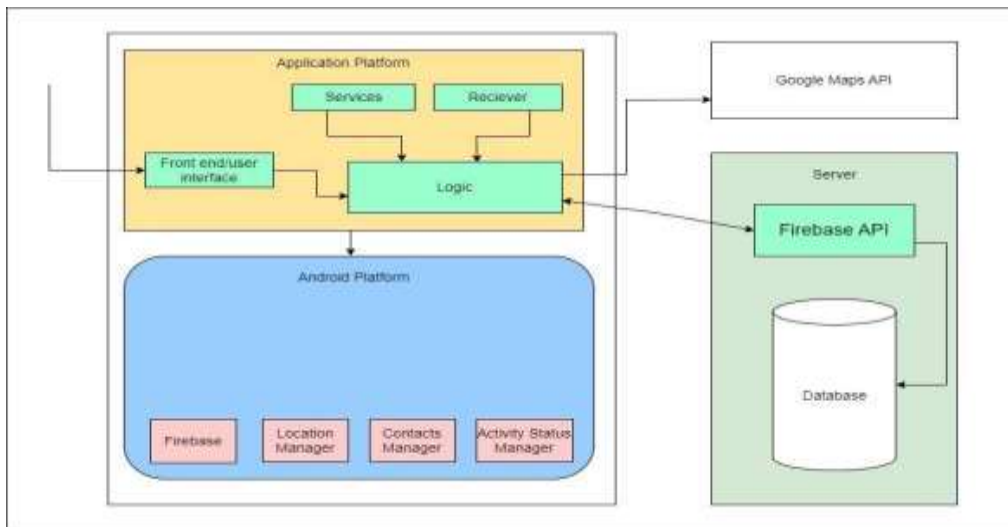
2] SECUREME BETA:- This app is developed by Think MPI Consulting Private Limited. It helps us to raise alert and we can get help in case of life threatening emergencies. After installing the app, initially we have to give a pin number for security purpose and then after emergency contacts must be registered in the app. By pressing a tap on secure button, it notifies the contacts with location co-ordinates

3] RAKSHA WOMEN SAFETY ALERT: This app is launched by BJP on May 15, 2014. By clicking on this app, it sends the location of the user to the contacts registered and the user can also get the details of the location of the contacts. A distress signal just by pressing a single key sends out a loud buzzer to our near and dear ones. We can add multiple contacts to this app and when there is no data connection, this app alerts the contacts by sending SMS

#### Proposed System

The following are the primary characteristics of our app that distinguish it from other apps produced thus far:

- 1) First, we must enter the contact information for the police, family members, and friends into the programme and then click the "save" option.
- 2) While in difficulties, start the programme and offer gestures as needed.
- 3) Whenever a gesture is provided, it first sounds a buzzer, then calls the first stored registered contact number, and then sends a message giving the victim's location URL to all contact numbers.
- 4) A unique feature of this programme is that a message with a location URL is delivered to the registered contact numbers every five minutes until the "stop" button is pressed. As a result, victim location tracking is ongoing.

**System Diagram:****Conclusion**

Women are skilled at mobilising various groups for common goals. They frequently work across ethnic, religious, ideological, and intellectual barriers to promote peace. We recognise the significance of women's security, but we must also recognise that they must be adequately protected.

The greatest method to reduce your risks of being a victim of violent crime (robbery, sexual assault, rape, or domestic abuse) is to identify and contact resources that can assist you.

dangerous scenarios. Whether you are in immediate danger or have become separated from companions late at night and are unsure what to do,

How to go home, utilising this software on your phone can reduce your risk and provide support when needed.

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