



WOMEN SAFETY APPLICATION

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Abstract: Women's safety is a growing issue in India and beyond. A major problem with the police handling of these cases is their limited ability to respond quickly to emergency calls. These restrictions include not knowing the location of the crime or being completely ignorant of the crime. For victims, it is difficult to contact the police safely and discreetly. To remove these limitations, this white paper introduces a mobile application called WoSApp (Women's Safety App). It provides a reliable way for women to make emergency calls to the police. The user can easily and discreetly trigger the call function by explicitly manipulating her UI of the application by simply shaking the phone or pressing the on-screen panic button. A message containing the user's geographic location and contact details from a pre-selected emergency contact list is immediately sent to the police. This white paper describes the application, its development and technical implementation.

I. INTRODUCTION

Women's safety is a big issue that has been the most important topic so far. Women's safety is very important whether they are at home, away from home or at work. Crimes against women, particularly rape, were horrific and terrifying. Most women of all ages are still subject to violence, domestic violence and rape.

It is a convenient application that can be accessed by anyone who has installed it on their smartphone. We strive to provide the fastest and easiest way to get help closest to you. In this system, the user needs to enter 3 contacts, in case of emergency, move the phone up and down 3 times, the system will send an SMS and call one of the numbers entered into the system with the location.

II. LITERATURE REVIEW

A. Using Smartphone GPS. Over the past five years, GPS's share has grown rapidly from 3% to over 20%. The use of smartphones is very effective for personal security and various other protection purposes, especially for women's safety. This project is a personal security application designed for women's safety.

"Spark Women App" is designed for Android smartphones. The application allows users to send messages to registered contacts with one click if the user is in danger. The application sends the user's location to the registered mobile number. The app's key feature is that it sends an instant message to a registered number with the victim's location. Registered contacts and GPS location are also stored in the application database. A new perspective on new technologies for women's safety. The system automatically activates and sends emergency messages to all registered contacts, including police numbers.

III. PROPOSED SYSTEM

- In this proposed system, the user composes a message.
- Choose who to connect with, not just the content.
- Messages must be sent and saved. so she Dangerous by simply opening the app and pressing a button.
- When the panic button is pressed, the saved message is sent to that user.
- This is the number he added to this app. so he Timely support available.



Fig.1

MODULES:

- Urgent contact with family or direct calls to the police.
- Get your current location shown on a Goggle map with latitude and longitude.
- Emergency phone numbers are sent urgently by SMS or mail.
- Get in touch by mail. Consider safety tips for women. share video
- SMS notification
- Self defense skills
- Basic law
- Quit the application.

Advantages:

- Smart 24x7 app is available FREE.
- By just shaking smartphone SMS will be shared with location in case of emergency.
- This application sends the live location of the user.

IV. CONCLUSION

- All applications and devices are built with cutting-edge technologies.
- This application is extremely beneficial to all women who are experiencing any of these issues.
- Women's security or safety is critical in today's world. We are simply proposing a very useful application for women's safety in this paper.
- We are attempting to protect women from attackers using this application.
- A victim can protect themselves from attackers by using this app with just one click. Because the app is based on Android, it is very simple to use and can be used by anyone in an emergency.. Although it is sometimes difficult to use if the phone is not charged or updated, for this we are trying to improve our app and make it useful in these situations as well. So for future purposes, this program will play a very important role in the life of women.

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