



**Dr. Ashok Gujar Technical Institute's, Dr.  
Daulatrao Aher College of Engineering, Karad.**  
Vidyanagar Ext. Banawadi, Tal. Karad 415124, Dist. Satara, Maharashtra INDIA

**Program: Computer Science and Engineering**

**Class: T.Y. B.Tech**

**Semester: VI**

**Subject: DSMP**

**Synopsis Format**

- 1. Title of Project** : Women Safety App Android Application
- 2. Name of College** : Dr. Daulatrao Aher College of Engineering, Karad
- 3. Name of Department** : Computer Science And Engineering
- 4. Name of Students** :
  - 1) Shraddha Shekhar Kashid
  - 2) Vaishnavi Pravin Patil
  - 3) Vaishnavi Shashikant Shinde
  - 4) Vaishnavi Vishnu Patil
- 5. Name of guide** : Prof T. R. Shinde
- 6. Relevance** :

In Safety domain especially in India, most of the women's are worried about their safety during any situations. This is achieved by addressing the circumstances that compromise the safety of women in today's day and age. Sadly, sometimes women face dangerous situations, and this app aims to give them tools to protect themselves. The features like showing where you are, sending out alerts if you're in trouble, call families or friends and giving information about how to stay safe and what to do in emergencies. If something bad happens, the app can quickly connect you with the right authorities or services to get help. You're never alone in an emergency. This app ensures women are not put into such situations through various features offered by our system. Proposed Architecture on Android App for women safety. Using the app, women can feel more confident and prepared to handle risky situations. It's like having a safety buddy right on your phone.

**7. Literature Review :**

- **Android app for women safety**

**Author: Dr. K Shrinivas Dr Suvarna Gothane1 C. Saisha Krithika2, Anshika2,  
T.Sushmitha2**

We looked at various market-ready applications for women's safety as part of our literature review. The goal is to examine how these apps function and determine how they might be enhanced and differentiated.



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The following Android apps for women's security have been shown to be effective and to provide a reasonably equivalent level of service. A. Women's safety AppSoft India created the app in question. The user must store certain information, which is one of the app's main functions. These specifics include the user's email address and password, the recipient's email address and cell number, and a text message. The app is then loaded as a "widget," so that it alerts the receiver when the user touches it. The app's ability to capture the audio of the environment for around 45 seconds and send the recipient's cell number a text message with the user's location information is another important function

**• Women Safety App**

**Author: Prof. Aditi Patil<sup>1</sup>, Shraddha R. Ramshette<sup>2</sup>, Chaitali L. Dhengle<sup>3</sup>, Hamd J.**

**Ansari<sup>4</sup>, Sayali S. Madhurkar<sup>5</sup>**

In today's fast moving world, Women Security is an issue of growing concern. We have read about many unfortunate incidents happening with women and the rate is increasing. Women these days are working women and the globalization has made us aware of gender equality. Earlier the women were restricted only to the household chores. With the changing scenario, women are competing with men in all fields. We can see women going to great success levels in all fields, may it be corporate, scientific, education, business or any other field. Safety of women matters a lot whether at home, outside the home or working place. Because of such crimes, women safety has become a major topic. According to the statistics, it is found that every two out of three women have suffered trauma in the last year. According to the survey of women, it is found that women are losing their confidence because of such incidents. By the survey of Delhi government's Women and Child Development Department, around 80% of the women in national capital have fear regarding their safety.

**• Android app for women safety**

**Author: DR. Chanda V Reddy<sup>1</sup>, Sabarish I J<sup>2</sup>, Samiksha S<sup>3</sup>, Sathvik U M<sup>4</sup>, Swagath Aithal P G<sup>5</sup>**

GPS Based Women Safety Device is women's safety gadget described in this paper is intended for usage



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in India. For ladies who might be in danger, this device serves as an emergency device. An SMS with the location's latitude and longitude will be sent to a list of pre-fed cell phone numbers when the woman clicks the panic button on the device. In this manner, anybody who receive the message will be able to utilise the coordinates to locate the woman in need and offer assistance. The purpose of this device was to reduce India's rising rate of crime against women. The use of hardware elements such an Arduino Uno microcontroller and a GSM module, as well as the usage of a money-saving gadget, are the key strategies covered in the article.

- **Android app for women safety**

**Author: Prof. Kishore Sakure Department of Computer Engineering Terna Engineering  
College Navi Mumbai, India.**

The basic problem with the police handling of these occurrences is that they are not always able to respond swiftly to distress calls. These limitations include not knowing the location of the crime and not knowing the crime is occurring at all: it is difficult for the victim to call the police confidently and quietly. To aid in the removal of these prohibitions. This article presents the Women's Safety Application, a smartphone app that provides a reliable way for women to call the police in an emergency. Women who are victims of abuse are often denied basic human rights. Gender-based violence has become a national and global issue as a result of decades of civil society activism, assisted by women's organizations. Despite the fact that each country has an extraordinary number of laws against domestic violence, sexual assault, and other forms of violence to protect its female citizens from such abuse, enforcing these laws is extremely difficult. As a result, society becomes unjust and insecure for women, with the great majority of criminals going unpunished.

- **Android app for women safety**

**Author: Shubham Nikam\*1, Jay Hiray\*2, Kalpesh Gaikwad\*3, Sanket Patil\*4, Prof.  
Smita K Thakare\*5**

This paper introduces a mobile application known as WoSApp (Women's Safety App) that gives ladies with a reliable thanks to place associate emergency decision to the police. The user will quickly and discreetly trigger the vocation perform by shaking her phone or by expressly interacting with the application's program via a straightforward press of a push button



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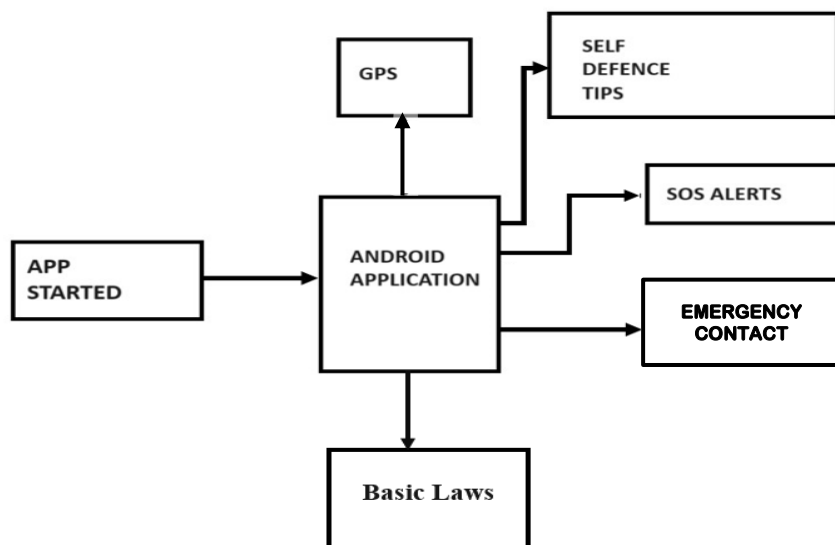
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on the screen. A message containing the geographical location of the user, additionally as contact details of a pre-selected list of emergency contacts, is instantly sent to the police. This paper describes the applying, its development, and its technical implementation.

### 8. Problem Identification:

Women's safety in India is a widely discussed and serious problem. Now a days Sadly, Many women encounter dangerous situations like harassment, assault, and discrimination. As travel safety has been a major concern with respect to women. Some women don't know how to protect themselves or what to do in emergencies. If something bad happens, this app can quickly connect you with the right authorities or services to get help.

### 9. Block Diagram:



### 10. Experimental Setup :

- A Desktop/Laptop with
  - Intel core i5 1.60GHz
  - 6GB of RAM, minimum frequency (2GB and above).
  - 100mb of free space in the hard disk.
  - 32-bit OS , x32-based processor.



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## **11. Objective & Scope Of Project**

### **Objective :**

- Enable users to share their real-time location with trusted contacts or authorities and raise awareness about women's safety issues, educate users about preventive measures, and promote a culture of respect and equality.
- provide safety to women's and provide integrity, confidentiality and security to user's data.

### **Scope:**

- The scope of a women's safety app can encompass a wide range of features and functionalities like Location and SOS alerts aimed at addressing the safety concerns.
- The app should provide quick and easy access to emergency contacts and also provide information about basic women's related laws.

## **12.Proposed work :**

In this proposed system, the user selects the contacts to which the alert message and location has to be sent and save it. So, when she is in some danger by just opening the app and pressing the some key button and shaking the phone, the message containing her current location will be sent to those numbers she has added in this application. So that she can receive the help in correct time..

## **13. Expected Outcome :**

- Allow users to quickly send distress signals to emergency contact authority with their location.
- Enable friends or family to track the user's location in case of an emergency

## **14. Expected Date of Completion: APRIL 2024**



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**Place: Karad**

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