

# A Web Based Women's Safety System by Using Voice Recognition

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**Abstract:** In today's world Victimization sensible phones having multiplied chop-chop and thence sensible phone may be used expeditiously for private security. A bunch of latest apps are developed to produce a security system to girls via their phones. per the reports of World Health Organization NCRB Social Government Organization thirty-fifth girls everywhere the planet square measure facing a great deal of unethical Physical Harassment publicly places like Railways, Bus-stands and pathway, etc. during this Paper, we've got reviewed of assorted existing systems on women security. we've got fade a requirement of advanced girls security system to provides the safety live publicly places likewise as travelling alone through public transports such as college Buses, Company Vehicles etc. This paper projected a brand new model for the women security publicly places that aims to produce the 100% safe setting. Hence, GSM is most popularly-liked} for this mode of dominant in his application we square measure maintaining a switch. We offer numerous varieties of ways to access the appliance and work properly. We'll provide permissions in it to access the web and track the present location of the user and send it to REGISTERED Contacts.

**Keywords:** Women's Safety System, Location, emergency, alert system, SMS, Email, GPS location, GSM

## I. INTRODUCTION

Because of the growing variety of harassment against women, women's health may be a important concern. To help in resolution this downside, we have a tendency to propose a GPS based ladies' well-being system with twin safety features. This device contains a system that ensures double warnings within the event that a girl is vulnerable or feels she is during a dangerous state of affairs. This framework may be activated by a girl if she Suspects she is going to be during a tough state of affairs. It's helpful that of something terrible happens to a girl, she would be ready to use the crisis button. During a grab press dread system, if a girl is tricken within the head from behind, she will realize the chance to squeeze the emergency signal, and nobody might recognize she is in peril. This can be taken care of by our system. This device ought to be switched on before time by a girl if she is walking down a lonely street, through a dingy back door, or during a remote space. Only the woman world Health Organization has been checked by the gadgets is allowable to start the framework via a finger impression review Once initial turned on, the system needs the woman to unendingly check her finger on the framework each one second; otherwise, the device sends her location to the authorized hands variety via SMS message as a security live, and it conjointly sounds a bell on an everyday basis so near people will hear it. During this case, notwithstanding whether or not somebody hits the woman or she falls down and becomes unaware, she doesn't have to be compelled to do one thing as a result of the system doesn't receive her finger sign up one second and therefore starts the double protection operate.

## II. MOTIVATION

In today's world, it is not safe for a person to travel alone at night especially for women; it will be unsafe to travel alone because a woman is not highly strong as men. To provide safety for women the good way to reduce chances in becoming a victim of violent crime is to identify and call on resources to help you out of unsafe situations. Having safety web app with you can diminish our risk and bring assistance when we require it. Unlike the other applications available, which work only at the time of Emergency or Danger, this web app can be used as a safety or precaution measure. As it is said that precaution is better than cure.

## III. PROBLEM DEFINITION

Our idea is to design a system which shall make every place every hour safer for women again. A system which shall reestablish how very gregarious mankind is. This system shall geotag and send SOS alert to the police station, help center, close contacts and also alert people in and around the voice.

## IV. LITERATURE SURVEY

This chapter contains the existing and established theory and research in this report range. This will give a context for work which is to be done. This will explain the depth of the system. Review of literature gives a clearness and better understanding of the exploration/venture. A literature survey represents a study of previously existing material on the topic of the report. This literature survey will logically explain this system.

## WOMEN'S SAFETY SYSTEM BY VOICE RECOGNITION

In this paper Vinay Mishra, Nilesh Shivankar and Sanam Gadpayle develop paper projected a brand new model for the women security publicly places that aims to produce the 100% safe setting.

**A NOVEL APPROACH TO PROVIDE PROTECTION FOR WOMEN BY USING SMART SECURITY DEVICE**

In this paper Kalpana seelam and K.Prasanti develop This paper describes about safe and secured electronic system for women which comprises of an Arduino controller and sensors such as temperature LM35, flex sensor, MEMS accelerometer, pulse rate sensor, sound sensor. A buzzer, LCD, GSM and GPS are used in project.

**SOLUTION TO WEB SERVICES SECURITY AND THREATS**

In this paper Iqra Ilyas and Muhammad Tayyab develop paper covers the security issues in most popular areas of Health Care Units, e-commerce transactions by comparison of popular algorithms of page rank and trust rank and more security through XML in web services through WS-Security framework by exploring XML signature and its verification and occurrence of major securityattacks.

**A HOLISTIC FRAMEWORK FOR CRIME PREVENTION, RESPONSE, AND ANALYSIS WITH EMPHASIS ON WOMEN SAFETY USING TECHNOLOGYAND SOCIAL PARTICIPATION**

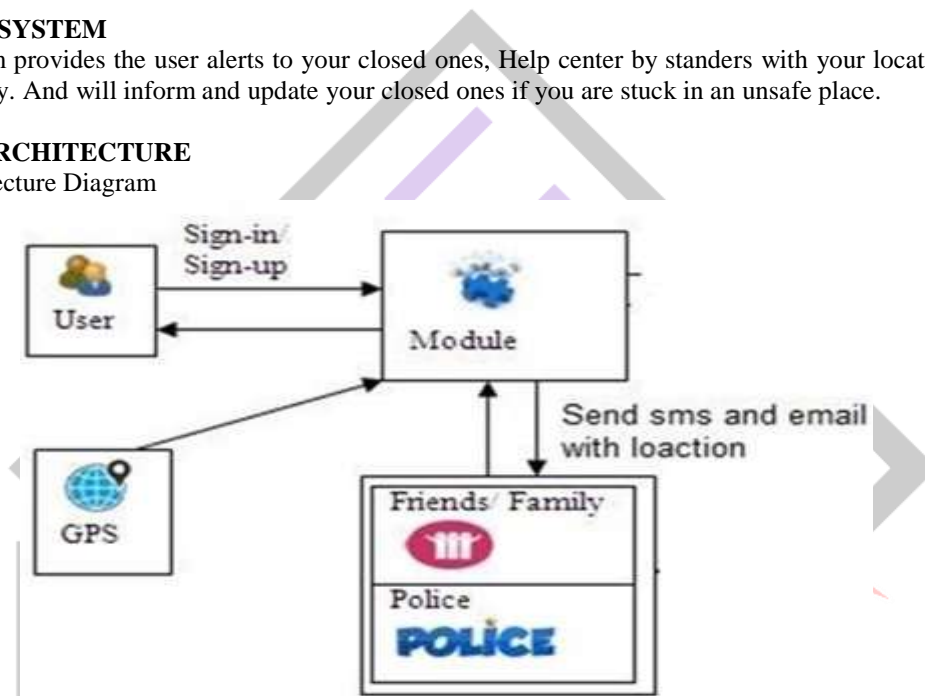
In this paper MEETHA V. SHENOY, NSSMRITI SRIDHAR1 develop While some wearable devices and mobile applications are available which are touted to aid in ensuring women’s safety, they utilize limited societal intervention and are not very efficientin ensuring the safety of the women as and when required. Most often the crime response, crime analysis, and crime prevention schemes are not integrated, leading to gaps in ensuring women’s safety

**V. PROPOSED SYSTEM**

The proposed system provides the user alerts to your closed ones, Help center by standers with your location in a situation of distress or emergency. And will inform and update your closed ones if you are stuck in an unsafe place.

**VIII. SYSTEM ARCHITECTURE**

Fig 1.System Architecture Diagram



The user of our system Women Empowerment is specially women. Different existing applications are specific only for emergency call when they may be at risk, some applications contains complete resources for victims of domestic violence, as well as a way to get help when you need it. But our application will provide violence prevention and urgent call, SMS Email for women seeking help from street violence in a single system. System architecture of our application Women Empowerments shown in Fig.1 The system architecture depicts the different interactions between the users and the web application. To use the web application Women Safety, the user has to register her. All her information is saved in the database. Helpline can access the data from the database. The built-in GPS system will locate exact position of the victim. The Emergency SMS and Email System helps the victim in physical harassment or violence and also sends and email messages to the helpline, and family members who contain location and time.

For this women just have to loudly saying help or bachelor system will get activate and SMS email send to emergency contact and helpline with live location.

IX. RESULT AND ANALYSIS



Fig 2. Login page

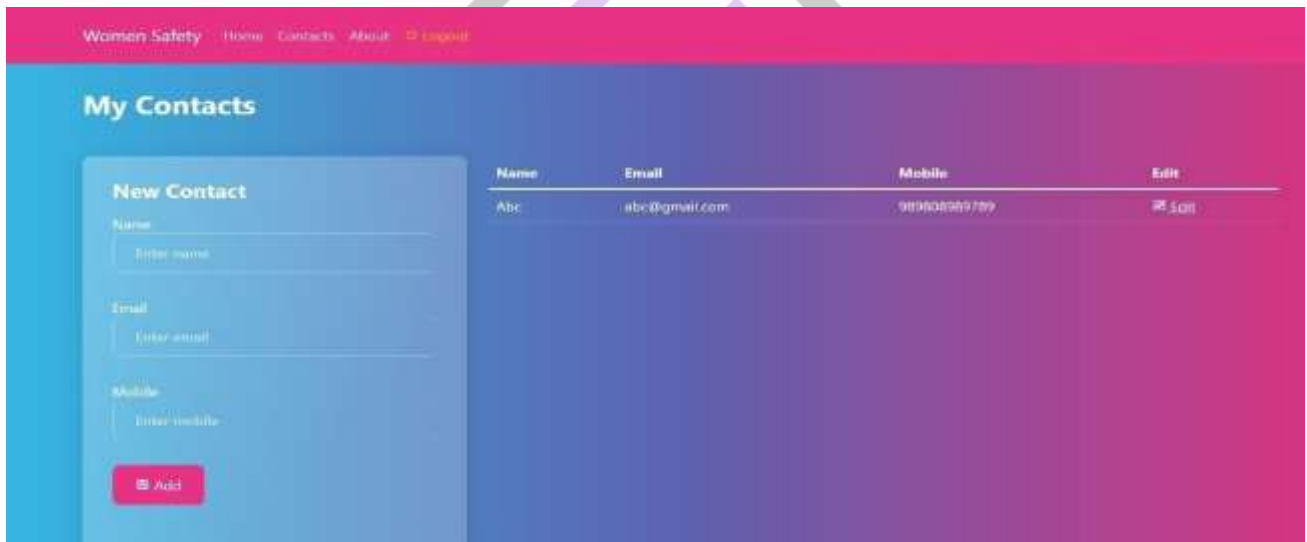


Fig 3. Create login ID page



Fig 4. Contact And Voice Data page

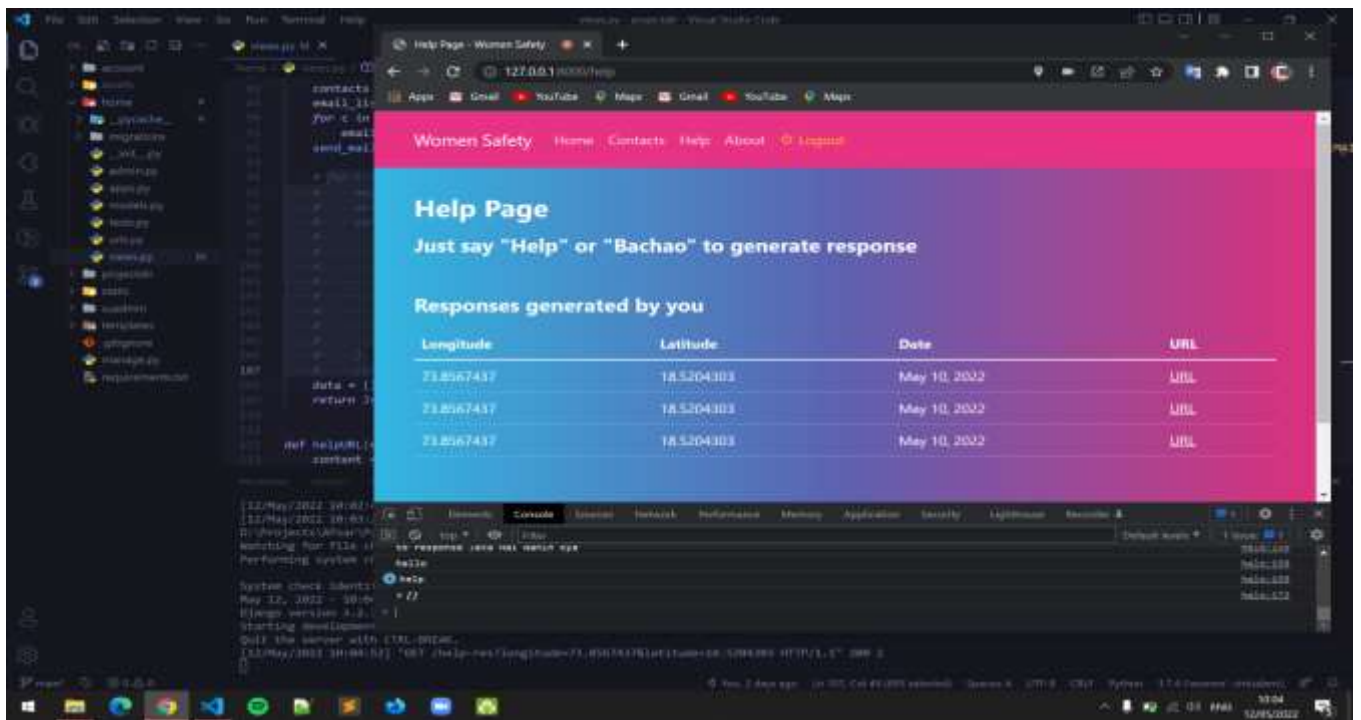


Fig 4. Help Page

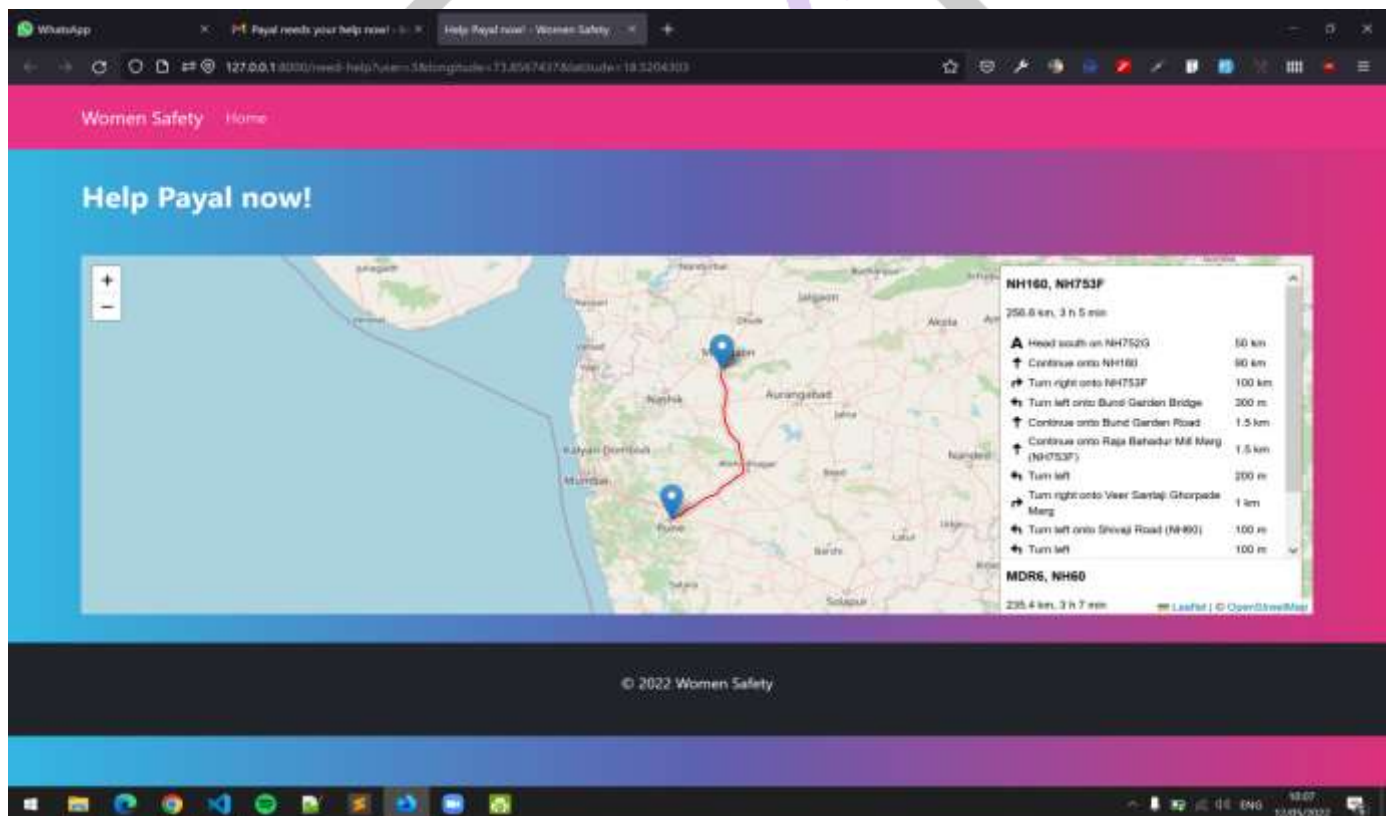


Fig 5. Location Page

## X. FUTURE SCOPE

As the Indian economy and the society embrace new frontiers, the Indian woman of today is more and more a part of the public places, claiming her rightful place in the society and the commercial world. Women need to feel safe in public places, and children form another vulnerable category as well, when it comes to road safety

## ADVANTAGES

- Women feel safe anywhere.
- One click message to helper.
- User-friendly interface time saving.
- Easy to integrate and access interactive interface.
- Email alerts and notification will be send in case of an emergency

## APPLICATIONS

- Security services
- Security organization
- Women NGO's

## XI. CONCLUSION

Our effort behind this project is to design a system which is so user-friendly in itself that provide advantage of personal security system the emergency response system which is helpful for women in the incidents of crime. It is low cost. System which can store the data of the member in the particular locality and provides women security. Being safe and secure is the demand of the day. As the Indian economy and the society embrace new frontiers, the Indian woman of today is more and more a part of the public places, claiming her rightful place in the society and the commercial world. Women need to feel safe in public places, and children form another vulnerable category as well, when it comes to road safety

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