BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING
IEEE STUDENT BRANCH

WiEHACK4.0

# The FooBars

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## SafeZone

***Women Safety***

# ABSTRACT

**Addressing the lack of accessible and reliable safety information, limited personal safety resources, absence of a supportive community, and inadequate reporting and response mechanisms**, SafeZone aims to empower women and enhance their safety in various environments. **SafeZone is an innovative platform designed to prioritize women's safety and well-being**. It aims to provide a comprehensive solution that empowers offering a range of features and resources to enhance their personal safety and empowers them. **The platform incorporates an Location Rating System, Emergency Alert System, Safety Resources, Community Support,**

# OUR KEY FEATURES

1.**The Location Rating System** allows users to rate and review locations based on safety, cleanliness, and accessibility, enabling others to make informed decisions when visiting new places.

2.**The Emergency Alert System** enables users to quickly and discreetly trigger an emergency alert, notifying designated contacts and connecting them with emergency services.

3.**Safety Resources** provide a wealth of information, articles, videos, and tutorials to educate and empower users with practical tips and knowledge.

4. **Community Support** fosters a supportive environment where users can connect, share experiences, and seek peer support.

# PROBLEM SOLVED

SafeZone solves the following problems with its key features:

1.**Lack of Accessible and Reliable Safety Information**: SafeZone's location rating system addresses the issue of limited accessible and reliable safety information. Users can rate and review locations based on safety, cleanliness, and accessibility.

2. **Emergency Response and Support**: The emergency alert system in SafeZone enables users to quickly trigger an alert in case of an emergency.

3. **Lack of Supportive Community**: SafeZone creates a supportive community where users can connect, share experiences, and seek advice.

4. **Limited Personal Safety Resources**: SafeZone's safety resources provide articles, videos  tutorials on personal safety.

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# PROPOSED SOLUTION

SafeZone is a comprehensive platform designed to address women's safety concerns and empower them to navigate the world confidently.

1. **User-Friendly Interface**: Develop an intuitive and user-friendly website that offers a seamless experience for users to access the platform's features and resources.

2. **Location Rating System**: Implement a robust location rating system where users can rate and review various places based on safety, cleanliness, and accessibility. The system should allow users to search for specific locations, view ratings, and contribute their own reviews to help other women make informed decisions.

3. **Emergency Alert System**: Build a reliable and efficient emergency alert system that allows users to trigger an emergency alert with a single tap. This system should connect users with their designated emergency contacts and notify local authorities or emergency services for immediate assistance.

4. **Safety Resources**: **a comprehensive collection of safety resources, including articles, videos, tutorials, and self-defense techniques**. Organize the resources in a user-friendly manner, making it easy for women to access information that can enhance their personal safety.

5. **Community Support**: **Create a supportive community within SafeZone where users can connect, share experiences, seek advice, and provide support to one another.** Implement features such as discussion forums, chat groups, and mentorship programs to foster a sense of belonging and empowerment.

Through this proposed solution, SafeZone aims to empower women, raise awareness about safety concerns, facilitate community support, and provide valuable resources to help women lead safer and more confident lives.

# TECH STACK

SafeZone utilizes a specific tech stack to power its platform and deliver its features effectively.

1. **Front-end Development**:

   - **HTML5/CSS3 and Bootstrap**: Markup and styling of web pages.

   - **JavaScript**: Client-side scripting for interactive elements and dynamic functionality.

   - **React/Jquery**: JavaScript library for building user interfaces.

2. Back-end Development:

   - **Node.js** for back-end development.

- **Database**: MongoDB for storing and managing data.

3. APIs and Integrations:

- **Map APIs**: Integration with Google Maps for location-related features.

- **SMS and Email Gateways**: Integration with SendGrid for sending emergency alerts or notifications.

4. **Security and Authentication**:

- **Encryption**: SSL/TLS protocols for secure data transmission over the web.

- **Authentication**: JSON Web Tokens (JWT) for user authentication and authorization.

# TARGET AUDIENCE

Who are the customers you want to cater to?

The target audience of SafeZone can be summarized as follows:

1.**Women of all ages who prioritize their personal safety and well-being**.
2. **College students** seeking safety information about their campus and surrounding areas and W**orking professionals** who want to ensure their safety during daily commutes and in the workplace.
3. **Women who have experienced incidents of harassment** or violence and are seeking a supportive community and resources.
4. **Women who want access to comprehensive safety resources**, including self-defense techniques, emergency procedures, and safety tips.
5. Women who want a reliable emergency alert system to quickly seek assistance and notify their designated contacts in times of danger and many more.

# PROGRESS REPORT

## WHAT HAVE YOU DONE ?

**HTML5/CSS3** : Markup and styling of web pages.

We have integrated bootstrap to make user friendly interface.

- **JavaScript**: Client-side scripting for interactive elements and dynamic functionality.

- **React/Jquery**: JavaScript library for building user interfaces.

## WHAT ARE YOU PLANNING TO DO ?

1.Feature Enhancement

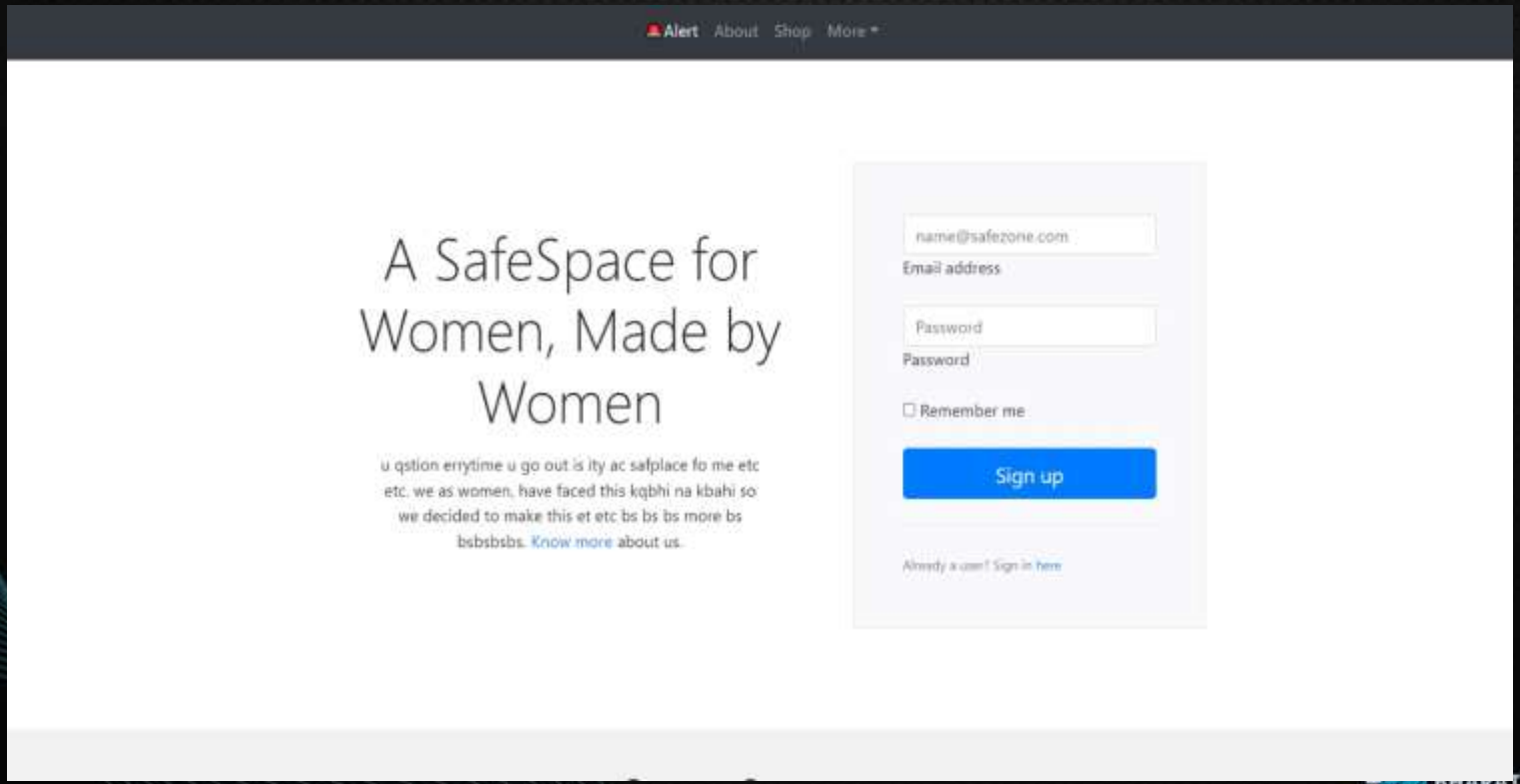
2.Expansion of Safety Resources

3.Partnership and collaborations

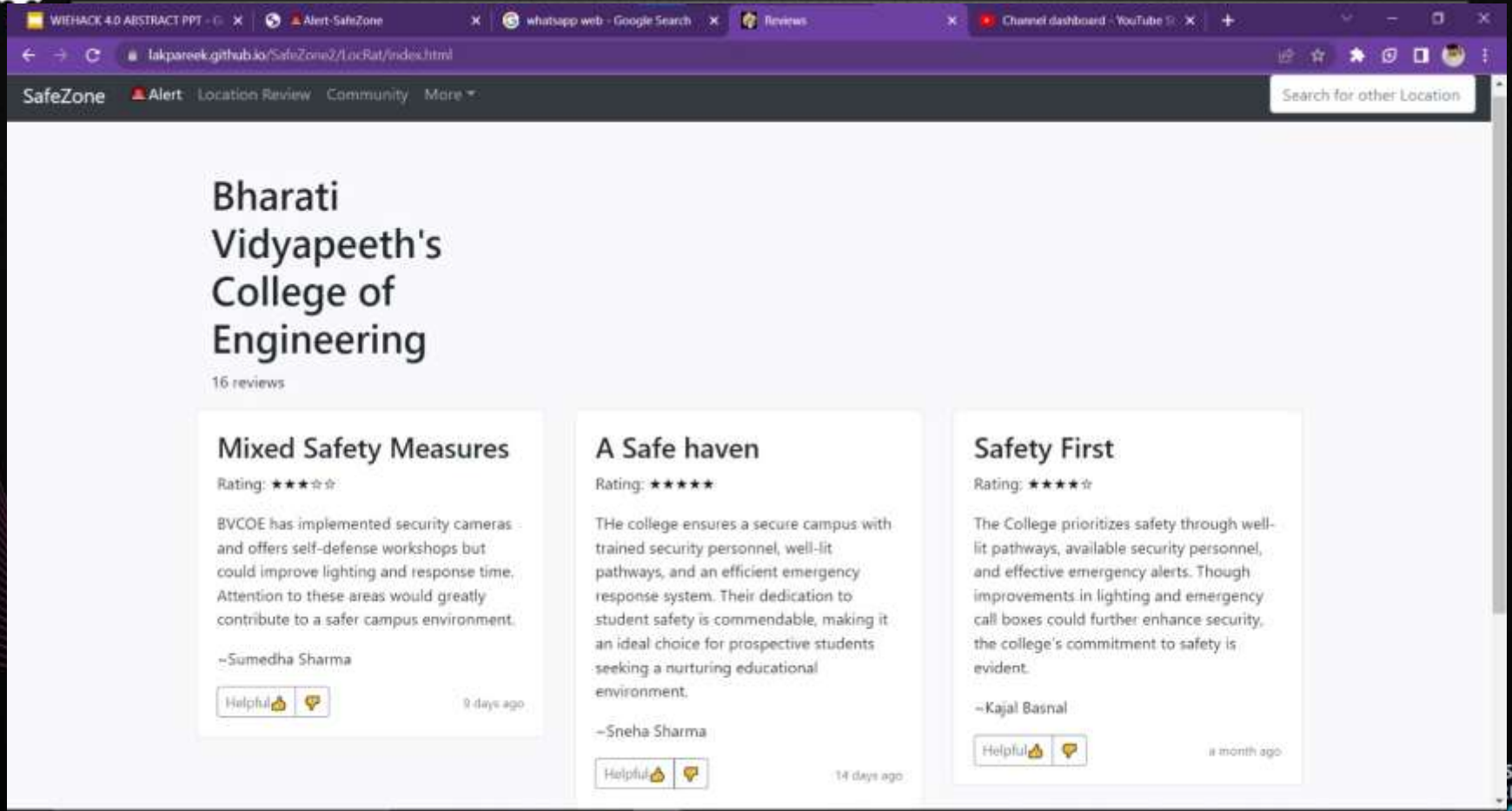
4.Using Safepath as a GPS to get more safer routes

5.Expanding shopping section by product listing,marking and promotions

# SCREENSHOTS / IMAGES



# Our review and rating system



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lakpareek.github.io/SafeZone2/Resources/resources.html

Alert Location Rating Community Resources

# Safety Resources

"Empower yourself with comprehensive safety resources designed to enhance your personal safety, equip you with valuable knowledge and skills, and navigate the world with confidence."

Blogs and Articles | Video tutorials

Waiting for lakpareek.github.io...

Type here to search

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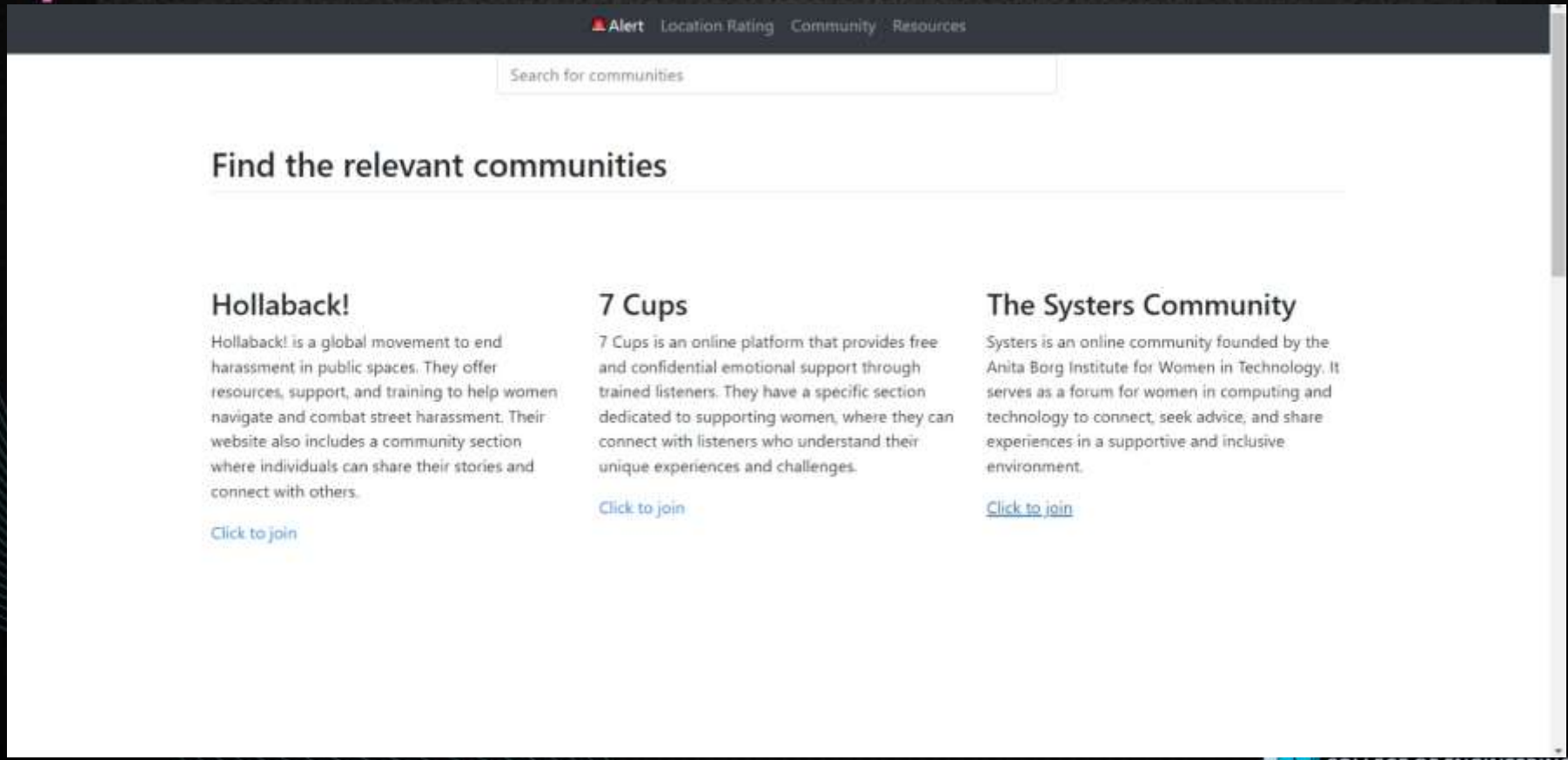
# communities



Alert Location Rating Community Resources

# CLICK HERE TO SEND AN EMEGENCY ALERT!!!

# Mission of SafeZone

The mission of SafeHaven is to empower women by providing them with the necessary tools, resources, and support to enhance their personal safety, build confidence, and create a safer environment for all.

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# Thank You

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