Women Harassment Safety

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Abstract: *Raksha is a comprehensive mobile application designed to enhance the safety and security of women. Recognizing the growing concerns around women's safety, particularly in urban environments, Raksha leverages advanced technology to provide real-time assistance and support in emergency situations. Raksha is not just a tool for emergencies but a comprehensive platform for fostering a sense of security and empowerment among women. By combining cutting-edge technology with community support, Raksha aims to create a safer environment where women can live and travel with confidence.*

Keywords: Emergency Alerts, GPS Tracking, Safe Zones and Routes, SOS Alert

I. INTRODUCTION

Raksha is an initiative focused on enhancing women's safety by leveraging modern technology and community engagement. It aims to provide women with tools and resources to ensure their security in various environments, be it at home, work, or in public spaces. Raksha combines the use of mobile applications, wearable devices, and community support systems to create a comprehensive safety network. The initiative also emphasizes education and awareness, equipping women with the knowledge and skills necessary to protect themselves and respond effectively in emergencies. Through collaboration with law enforcement and local organizations, Raksha strives to create a safer and more supportive environment for women everywhere.

1.1 Problem Statement
- Access.
- Scalability.
- Data Security and Privacy.
- Interoperability.

1.2 Objective
- Allow users to quickly send distress signals and their location to emergency contacts and authorities.
- Enable friends and family to track the user's location in real-time for safety assurance.
- Provide easy access to emergency services, including police, medical assistance, and local helplines.

II. PROPOSED SYSTEM

The proposed system for the Raksha women safety app would likely include features such as real-time location tracking, emergency contact alerting, in-app emergency services access, and possibly even integration with local law enforcement agencies for quicker response times. It might also incorporate features like self-defense tutorials, safe route planning, and community support forums for sharing safety tips and experiences. Empower Her offers a comprehensive set of features tailored to address the diverse safety needs of women in different contexts. From providing real-time location tracking to offering safety tips and resources, Empower Her is a multifaceted solution designed to enhance personal safety and mitigate risks
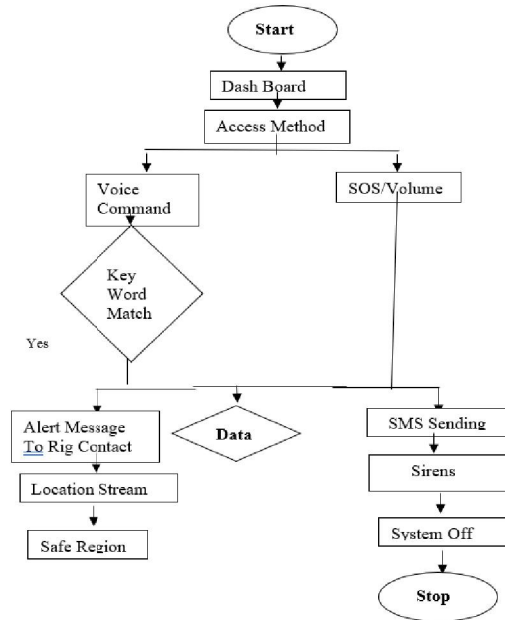
Fig. Block Diagram of the proposed system

III. RESEARCH METHODOLOGY

Researching the Raksha women safety app would typically involve a combination of qualitative and quantitative methods. Here's a basic outline of a possible research methodology.

3.1 Literature Review

A literature review on the Raksha women safety app would likely encompass various aspects such as its effectiveness in enhancing women's safety, user satisfaction, technological features, and comparisons with other similar apps. It would delve into studies, articles, and reviews that assess the app's impact on reducing instances of harassment and violence against women, its usability, user interface design, and any limitations or challenges identified. Additionally, it may explore user feedback, adoption rates, and recommendations for future improvements.

3.2 Keywords and search parameters

Emergency Calling Management Module:

The app has calling module in case of emergency. One may call police, ambulance when in trouble. Different options for women in distress, domestic abuse, helpline for child are provided.

Hidden Camera Module:

The hidden, spy camera search module is provided to help women to detect faulty tracing them in work area especially.

Emergency SOS Module:

The troubled women can immediately intimate their parents, friends, relatives about the help. The mobile numbers of them are stored in the database.

Siren Alert Module:

The module is designed to make nearby people aware about any problem happened. They can help the troubled women.

Location tracking Module:

The real time location is traced to find the specific area where somebody can easily reach to help.

Target demographic: younger generation

Social Media Campaigns:

Utilize platforms like Instagram, TikTok, and Twitter to share informative content, real-life stories, and resources about harassment safety. These campaigns can include hashtags to encourage engagement and sharing.

Online Workshops and Webinars:

Host virtual workshops and webinars addressing topics such as recognizing harassment, bystander intervention, and self-defense techniques engagement to younger women.

Mobile Apps:

Develop applications that provide information on safe routes, reporting mechanisms, and emergency contacts. These apps can also include features for discreetly alerting friends or authorities in unsafe situations.

Educational Programs:

Collaborate with schools, colleges, and youth organizations to implement educational programs addressing harassment prevention, consent, and healthy relationships.

Evaluation criteria for chosen publications

Ultimately, 80 publications that met our requirements were chosen for evaluation. A description of the method for finding and choosing articles. Evaluating publications on decentralized healthcare systems requires a comprehensive approach that considers various factors to ensure the relevance, reliability, and applicability of the information.

IV. ACKNOWLEDGEMENTS

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