Women Harassment Safety

[1]Vaishnavi Waghmare, [2]Vidya Patole, [3]Nilam Pawar, [4]Payal Dhage, [5]Ass. Prof. A. H. Pudale

[1,2,3,4] 4th Year Student, Department of Computer Science and Engineering, Adarsh Institute of Technology and Research Center, Vita.

[5] Department of Computer Science and Engineering, Adarsh Institute of Technology and Research Center, Vita.

ABSTRACT:

It is dangerous for a person to travel alone at night in the modern world, especially for women. It is vital to have an app that is safe for you in order to provide safety and lower your risk of becoming a victim of violent crime. This app can identify and contact resources to assist you in escaping dangerous situations. The number of people using smartphones has rapidly increased in the modern era. Since smartphones are now a necessity for everyone, they can be effectively used for personal security or other forms of defense. This Android app can be activated with a single click whenever the need arises and is designed to ensure public safety. With just one click, the GPS system will locate the location and send an SMS to the registered contact. One special feature of Raksha, a Safety Alert App, is that it sends SMS messages to each of the five contacts that are registered with it.

1. INRODUCTION

Given the rising number of crimes against both men and women in India today, the government has made safety its top priority. Numerous applications, such as Noonlight, Sheroes, Sake2safety, B Safe, and others, are designed specifically with women's safety in mind. The growing urgency in India and other nations is the reason behind the development of this safety app. The purpose of this app is to promote safety among users. A smartphone app called Rashaad, A Safety Alert App project makes sure that users are always safe. This app was created on the Android operating system. The greatest app to notify and update your loved ones if you find yourself in a dangerous situation is a safety app. The quickest and most convenient way to inform your loved ones of your location and other details is through the app. An Android app that, in the event of an emergency, can INSTANTLY notify the Guardians, providing them with the user's location.

2. LITERATURE REVIEW

Many regrettable events have been occurring in women's cases, according to K Ramesh et al. Issues can arise from various sources, such as women strolling on the street following work, visiting a large supermarket, or numerous other reasons why they travel alone. Individuals at home are uncertain about making a safe return. Another factor is that women attend organization-organized outings and business trips and pass away without understanding why. Attacks on women are the cause of it, not suicides. According to Tahmidul Kabir et al. [2], women's mobility can be made safer by using an Android app and an Internet of Things gadget. Pressing the emergency switch on the device allows women to receive immediate and exceptional safety support. In the event of an incident, the device can send the user's location in real-time to the closest police box and volunteer. With this device, the user can also find the location of the closest safe zone.

3. Factors Contributing to Women's Safety:

Cultural Factors:

Examine the ways that cultural norms and beliefs affect the safety of women. Analyze how cultural beliefs either support or contradict gender-based violence.

Lawful Structure:

Examine the current laws and rules pertaining to the safety of women.

4. Design of Research

A. Use Mixed-Methods, Qualitative, or Quantitative Approach:

Based on the specifics of your study, define your research strategy. In the case of studying personal narratives, for instance, a qualitative method might be appropriate.

B. Tactics

Whether it's a case study, survey, or intervention study, pick the research approach that best fits your goals. An intervention study may be appropriate if you're assessing the efficacy of a program.

C. Horizon of Time

Choose between a cross-sectional and a longitudinal study based on the goals and research questions you have for your project.

5. Particular Goals:

Examine the Present Safety Concerns for Women:

Analyze in detail the safety issues that women in the target community or region are currently facing. Determine the Societal and Cultural Aspects Affecting

Safety:

Examine and comprehend the ways that societal attitudes and cultural norms either support or undermine women's safety.
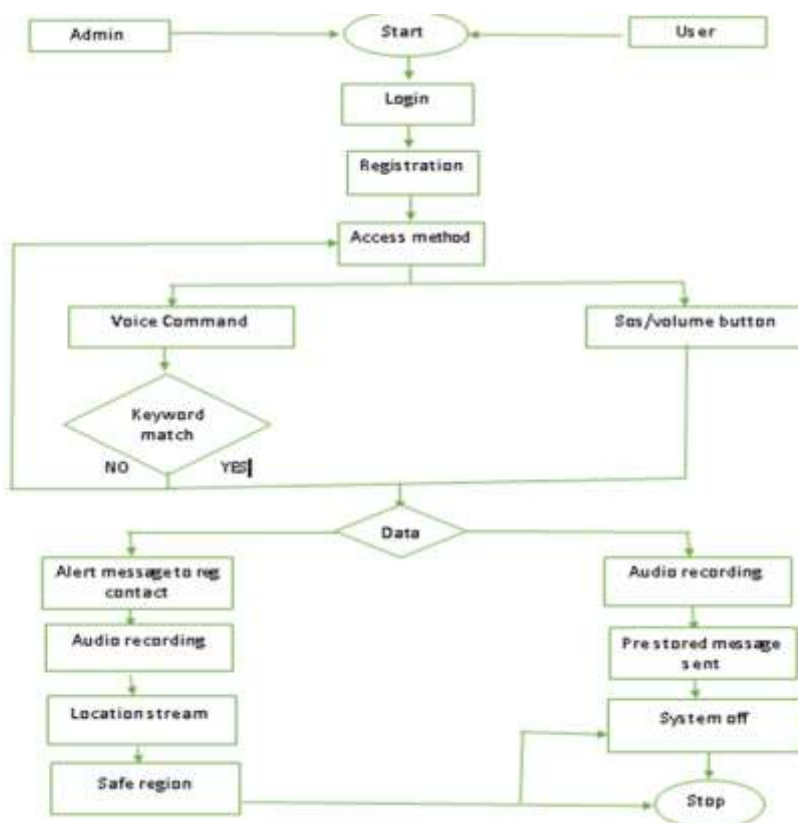
Analyze the Current Safety Measures' Effectiveness:

Evaluate the effects and efficacy of the current support networks, interventions, and policies for women's safety.

From proposed work to concept

In the modern world, women's security is a vital concern, and it is imperative that everyone take action on it. This project describes the "Raksha women safety App," which is based on GPS and GSM and offers a GPS device in addition to alerts and messages with an emergency button trigger. All someone needs to do when they are in trouble is press the volume key; they may not have much time. Our system offers a workable, economical fix for issue identification. The suggested system addresses the shortcomings of the current system and is specifically designed to ensure the safety of women.

6. BLOCK DIAGRAM

7. Results

1. Assessment of Current Women's Safety Challenges: Outcome: Detailed record of common safety issues that women in the target area encounter.

2. Identification of Cultural and Societal Factors Affecting Safety: The outcome is a thorough comprehension of the ways that culture and society affect women's safety, offering suggestions for focused interventions.

3. Assessment of the Efficiency of Current Safety Measures: Outcome: An examination of the benefits and drawbacks of current safety measures, guiding suggestions for enhancement.

8. Conclusion

The mobile app "Raksha Women Safety" is incredibly beneficial for all women. Because all a woman needs to do to warn her guardians that she is in danger is to touch the Safety smartphone app. All saved guardian contacts receive a location message and a call for the first added guardian number when they simply touch the app, alerting them to her danger. We can notify the people residing in the house about the safety status of a woman who belongs to them using this mobile app.

References:

List all the material used from various sources for making this project proposal

Research Papers:

1) International Journal of Advances in Engineering and Management (IJAEM), Prof. K Ramesh, R. Arivazhagan, D. Ezhilnilavan, R. Elavarasan, Volume 3, Issue 5 May 2021, pp: 861-864

2) "Safety Solution for Women Using Smart Band and CWS App", AUTHORS: A. Z. M. Tahmidul Kabir, Al Mamun Mizan, Tasnuva Tasneem,

3) "Innovative Embedded Shoe Design for Women Safety", AUTHORS: Shoukath Cherukat, Pooja Kubsud, Vishnu Suresh