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Review of “Android App for Women Safety” journal

Published in “International Journal of Scientific Research in Computer Science, Engineering and Information Technology”

Over the past five years, usage of smart phones with GPS navigation units has quickly expanded from 3% to more than 20%. Because of this, a smart phone can be effectively used for personal safety or other forms of protection, especially for women. The researchers have created a program for women's safety here. In an emergency, the user only needs to click once to activate this app. This application sends messages informing the registered contacts of the user's location every few seconds. The unusual ability of this application to deliver messages to registered contacts continually until they touch the "HELP" button is examined in this study. SMS-based continuous location monitoring information makes it easier to locate the victim promptly and rescue them securely.

There are similar applications which are developed for safety which are WOMEN'S SECURITY, POLICE NEARBY, SCREAM ALARM. WOMEN'S SECURITY app records the voice of surroundings for about 45 seconds and this recorded voice, text message containing location coordinates of the user is sent to the recipient mobile number. POLICE NEARBY app connects citizens & students to their nearest police stations city wise at one click. SCREAM ALARM app generates a very high-volume scream in times of distress when the lungs of a person fail in screaming in trouble.

The proposed app actually works as a SOS sender. It helps women to save emergency contacts and sends their location on any emergency on clicking on “HELP” button of the app. One of the key features of this app is, it sends live and updated location of the victim in every 5 minutes duration to the emergency contacts. Several functions are offered on the cellular viewer to reduce user effort and address issues caused by the small screen of mobile phones.

This paper describes the application, With the help of current advancements in mobile technology, Security Alert was created on the Android platform to ensure the safety of women. This application can be connected with the law enforcement database for future development. This app has some limitation like the process of sending SMS by clicking button is quite lengthy. So, in future update they can add feature like activating the message sender by shaking the device. Thus, it will be faster than clicking “Help” button. Women can be saved from dangerous situations with the help of this app.

Reference:

Srinivas, D.K. *et al.* (2021) “Android app for Women Safety,” *International Journal of Scientific Research in Computer Science, Engineering and Information Technology*, pp. 378–386. Available at: <https://doi.org/10.32628/cseit1217368>.