INITIATING THE SECURITY MEASURES FOR WOMEN IN TERMS OF MOBILE APPLICATION USING ANDROID OS

Mr.S.Kannan[1], Ms.E.Nithya[2], Mr.M.Praveen[3]

Student, BSC.IT, Kaamadhenu Arts & Science College,Sathyamangalam[1]

Assistant Professor CA&IT, Kaamadhenu Arts & Science College,Sathyamangalam[2]

Student, BSC.IT, Kaamadhenu Arts & Science College,Sathyamangalam[3]

Abstract: People utilising smart phones has expanded rapidly in today's society, and thus a smart phone can be Utilised effectively for personal security or other types of protection. The horrible occurrence that Horrified the entire nation has reawakened us to the importance of addressing safety concerns, and as a Result, a slew of new apps have been developed to equip women with protection systems via their Phones. This Android Application for Women's Safety and Security can be triggered with a simple click if The need arises. A single click on this app recognises the location of a place using GPS and sends a Message to the registered contacts with the location URL, as well as calling the first registered contact to Assist the person in danger.

INTRODUCTION

Women are skilled at rallying diverse groups for a variety of causes. To promote peace, they frequently Collaborate across ethnic, religious, ideological, and intellectual barriers. We realize the importance of Women's security, but we must also recognize that it must be adequately protected. In a crisis situation, A woman's physical strength is inferior to that of a man, and she requires assistance. The best strategy To reduce your risks of becoming a victim of violent crime (robbery, sexual assault, rape, or domestic Violence) is to identify and seek assistance from resources. Having these apps on your phone can help You if you're in an emergency or if you've become separated from your friends late at night and don't Know how to go home It is not safe for a person to travel alone at night in today's society, particularly for women; it will be high time to travel alone because a woman is not as strong as a guy to protect herself from them. The most effective strategy to lessen your chances of being a victim of The first step in combating violent crime (robbery, sexual assault, rape, and domestic abuse) is to identify and mobilise resources. assist you in escaping dangerous situations Whether you're in immediate danger or have become isolated from your buddies, duringlate at night and have no idea how to get home, Having these apps on your phone can reduce our danger and bring us home, whether we are in an emergency or have become separated from friends late at night and do not know how to get home. When we need help, we get it. In this paper, we will discuss present Security Alert, an application for Android based smart phones.

National Criminal According to India's
National Crime Records Bureau, documented occurrences of crime against women climbed by 6.4 percent in 2012, and a Every three minutes, a woman is the victim of a crime. Women should suffer violence in necessary to keep the family together, according to 65 percent of Indian males, and women occasionally deserve to be battered. The International Men and Gender Equality Survey (IMAGES)
Questionnaire indicated in January 2011 that

RELATED WORK

As part of our literature review, we looked into some of the existing applications for women's safety on the market. The goal is to see how these programmes work and how they differ in order to see how they might be improved. To date, the following Android Apps for women's security have been identified as being good and providing a similar service.
A.WOMEN'S SECURITY: This app was created by WOMEN'S
SECURITY. App Soft India. The app's main characteristics are that the user must save certain information. These details include the user's email address and password, the recipient's email address and mobile number, and a text message.
The app is then launched as a "widget," which alerts the receiver when the user taps it. Another important feature of the programme is that it records the speech of the environment for around 45 seconds, after which a text message providing the user's position coordinates is delivered to the user. Mobile phone number of the recipient [4] B. POLICE IN THE

AREA: Big Systems created this application in 2013. The cops have arrived. The purpose of the nearby scanner android app is to connect people and students to the local police station. Stations city-wide with a single click, allowing the community to become more involved straight from your computer. Android is a mobile operating system.. Police scanner Android App can be used by any local, state, or school police department, as well as other law enforcement agencies, to provide better service and communication. Without having to sign up, you may get the Police Nearby app for free. [5] C. ALARM SCREAM:

In November 2013, Go Pal App Maker released Scream Alarm, an android application. By selecting this option, you will be able to When a person's lungs fail in moments of hardship, the app emits a very high-volume scream. Screams in distress The manufactured scream, which is delivered in a woman's voice, is extremely effective in deterring the attacker. Strong potential troublemakers This application only works when the user presses the button. When you press or touch the app, the phone screams loudly in a woman's voice. Windows, iOS, and

Android are all supported, however certain apps are only available on Windows or Android. However, this programme Security Alert is currently only available for Android, but it will be made available for other platforms in the future. It's possible to extend it to work on Windows and iOS. The Android platform is free and open source.

Designed with an open Linux kernel to enable the Developers in developing exciting mobile applications that take full advantage of the handset's capabilities. Android creates and uses a Virtual Machine to improve memory and hardware performance. Mobile environment resources

MERITS

1. Your loved ones and close friends can receive text messages automatically.
2. The precise time when the alert was triggered. Your current location (with map link).
3. The state of your phone's battery.
4. It keeps track of the number of shakes that occur frequently in a specific location or area and flags that location or area. DANGERZONE is the location.
5. Location activation is prompted automatically.
6. Self defense video for victims to learn how to stay safe and defend themselves in dangerous situations. Arising.

FEATURE OF PROJECT

Several options on the cellular viewer are provided to reduce user effort and overcome problems caused by the limited screen on cellular phones.

- Allows for many connections to be made at the same time.
- Work modes include "view only" and "full Control."
- Display modes include "windowed," "full Screen," and "scaled."
- On NT computers, it runs as a service.
- Supports DHCP and works over firewalls.
- High screen resolutions and colour depths are supported. The suggested architecture is represented in the diagram below.

The Android application's precise control flow Here Between the two Mobile devices, the database serves as a storage medium. The database information, i.e., to which database the data must be transmitted, as well as the database's URL, is coded in the application itself. The location was retrieved from the database. Coordinates are delivered to the user's registered contacts on a regular basis.

CONCLUSION

The system is being created with the goal of being able to adapt to future requirements to a greater extent. The newly designed technique has been discovered to be both efficient and effective. The system is computerised in order to solve the difficulties that arise in the local area network. The system is designed to reduce waste of manpower, time, space, and paper.

When a transaction occurs, there is no need to record it in many locations across the local area network. The reports are available in several formats.

Be easily swallowed The system is designed such that different modules can be utilised by a single user The original source

REFERENCE

[1] http://developer.android.com/google/ playservices/location.html is the URL.

[2] "WOMEN'S SECURITY," App Soft India's Android App, December 17, 2013. Details? Id=com. Zayaninfotech. Security& hl=en https://play. Google. Com/store /apps/

[3] Big Systems' Android app " POLIE NEARBY" was released in 2013. https://www.google.com/play/What is the location of the store/apps/details? Id=com. hl=en& hl=en& hl=en& hl=en& hl=en&

[4] GoPal App Maker's Android app " SCREAM ALARM" was released in November 2013 and may be found at https:/play.Android.Com&hl =enGoogle.com/store/apps/details?id=gopal