

RAKSHAN-SECURE THE WOMEN

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Abstract: Women's security could be a crucial issue in today's world and it's significantly required for each individual to be acting over such a difficulty. This document describes a GPS primarily based "Women Security System" gives the mixture of GPS device yet as provide alerts associated messages with an emergency button trigger whenever someone is in bother they could not have such a lot time, all that they need to try and do is generate a distress emergency signal by shaking up their phone. Our system provides realizable, value effective answer to drawback detection. currently days thanks to recently happened cases like rape by drivers or colleagues, felony etc., girls security, particularly girls security has become the foremost priority of the planet. System uses the worldwide Positioning System (GPS) technology to seek out out the situation of ladies. the knowledge of ladies position provided by the device may be viewed on Google maps victimization net or specialized package. we have a tendency to concentrate on the projected model which will be wont to manage the matter of security issue of ladies victimization GPS primarily based following system.

Keywords – Smart Phone, Android, Registered Contacts, GPS location, Database.

I. INTRODUCTION

Women area unit adept at mobilizing numerous teams for a typical cause. They typically work across ethnic, religious, political, and cultural divides to market peace. we have a tendency to area unit all aware of importance of safety of women's however we have a tendency to should understand that they must be properly protected. Women's don't seem to be as physically robust as men, in associate emergency state of affairs a aid would be a relief for them. The simplest thanks to minimize your probabilities of changing into a victim of violent crime (robbery, regulatory offense, rape, domestic violence) is to spot and invoke resources to assist you out of dangerous things. whether or not you're in immediate bother or get separated from friends throughout an evening out and don't acumen to urge home, having these apps on your phone will cut back your risk and convey help after you would like it. though many were originally developed for college kids to scale back the danger of regulatory offense on field, they're appropriate for

all girls within the light-weight of recent outrage in Delhi that barrel the state and woke United States to the security problems for our daughters, individuals area unit power train up in numerous ways that to fight back.

A host of recent apps are developed to produce security systems to girls on their phones. Here we have a tendency to introduce associate app that ensures the security of ladies. This helps to spot and invoke resources to assist the one out of dangerous things. These cut back risk and convey help after we would like it and facilitate United States to spot the situation of the one in peril. This app designed to produce security to girls main purpose of this app to produce the notice on the time of crucial state of affairs for ladies. usually user will activate this service by adding the emergency contacts victimization the emergency contacts icon within the app. While in emergency the user would got to shake up his/her telephone, then a distress signal(SOS) can mechanically got generated from the user finish and send SMS to those contacts that has been saved at the time of registration. The SMS contains your message and your precise location.

A. Existing System

As a section of literature survey, we have a tendency to investigated some applications that supply a similar or similar services for golem and different platforms. The aim is to envision however these applications work and to envision however they will be improved. Today the cases of atrocities on girls area unit growing. In these varieties of cases, a wise phone plays a vital role for safety of ladies. currently golem is budding on some apps for ladies security purpose. These apps area unit as follows –

1. FIGHTBACK: - This app is developed by Mahindra faction. Fightback is an Associate India specific mobile app. On the Market For Choose Google,Blackberry, and Nokia smartphones. It uses Promptly on the market technologies on a smartphone for emergencies like GPRS, GPS, and SMS, to alter each time period following and to send alerts to five emergency contacts.

2. **SECUREME BETA:** - This app is developed by suppose MPI on suluting non-public restricted. It facilitates United States to boost alert and that we will get help just in case of life threatening emergencies. when putting in the app, ab initio we've to relinquish a PIN number for security purpose so when emergency contacts should be registered within the app. By pressing a faucet on secure button, it notifies the contacts with location co-ordinates.

3. **VANITHA ALERT:** - This app is developed by ABC's Mobile Learning Communication click on " HELP" button on our mobile's home screen in associate emergency state of affairs will deliver a distress text message to the registered mobile range ,E-mail id, face book id seeking facilitate and indicating the user's location.

4. **GLYPSE – SHARE GPS LOCATION:** this is often the recent application developed on Gregorian calendar month twenty eight, 2015. This app could be a quick, free and an easy thanks to share our location victimization GPS following in real time with friends and family. This app doesn't would like any check in and don't would like any contacts to manage.

5. **GUARDLY:** - Guardly could be a free mobile application for smartphones which will facilitate students et al. sweet-faced with chemical analysis violence, abusive relationships or an easy want to feel safe once walking alone at nighttime. Guardly empowers its users by providing one-touch access to their personal safety network. merely launching Guardly on a smartphone can instantly establish a user's location and alert family, friends yet as field security (across the United States) that they're having associate emergency. With an extra faucet, you'll increase your state of affairs to 911 authorities.

6. **STREET SAFE:** - This application is developed on worldwide Women's day. It will call community to help woman in any situation and has four features for crisis which would be started by just clicking on the button.

II. PROPOSED SYSTEM

The device can offer the position info like latitude, great circle of the user. The planned system is predicated on advanced sensors. Whenever the user shakes his/her phone, a signal can get generated mechanically so a message alert is distributed to the contacts that are supplementary within the emergency contacts list.

BLOCK DIAGRAM:

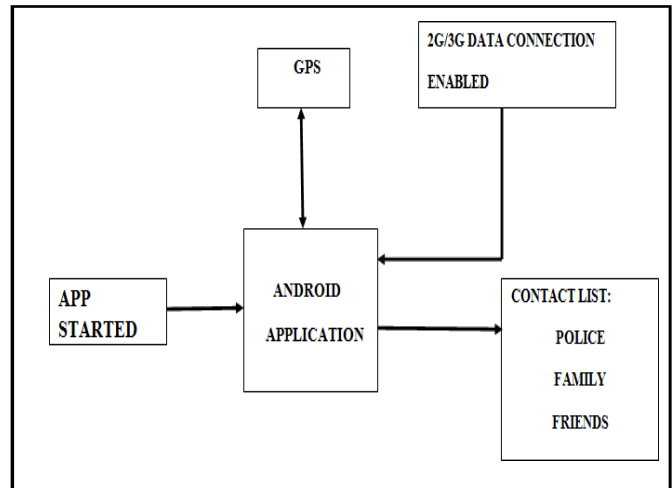


Fig. 1. Block Diagram for the Proposed System

“Fig 1” shows the diagram of the system. Initially, once we click on the app, it 1st checks whether or not the situation settings, knowledge association settings within the application are on or not. Then, it tracks the situation of the victim via GPS and sends these location co-ordinates within the type of URL through message to the registered contacts. Here, registered contacts means that the contact details that are saved within the Rakshan-Secure the ladies application throughout its initialization. Now, at the received device, by clicking on the URL within the message, it spots the precise location of the victim. Also, because the message containing victim's location is distributed for each 5 minutes from the foundation device, the victim may be half-track where she goes and may be reclaimed safely and quickly.

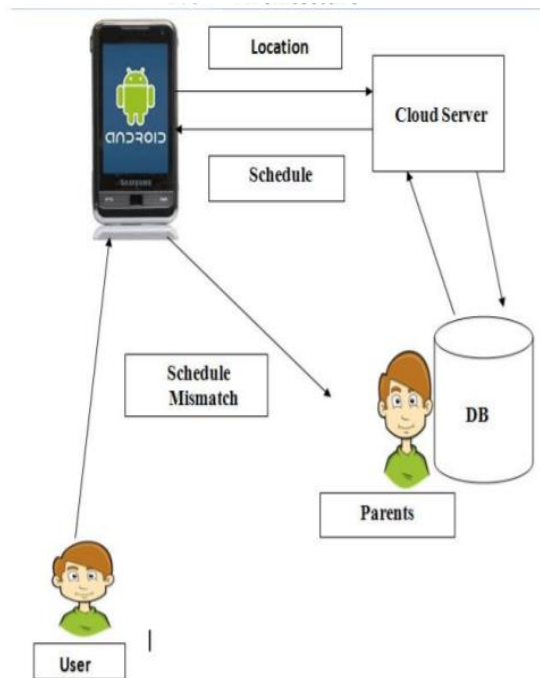
III. Advantages

- it's Used For Safety of ladies .
- quick Transmission knowledge .
- straightforward to Use and Low price .
- Feeling safe is to feel protected.
- This Application Sends Live Location of the User.

IV .Features

- This project presents associate degree alert system for girls safety detection.
- the appliance is straightforward to use all the girl.
- The system provides a realizable and economical.

V. Architecture



VI. CONCLUSIONS

It may be finished that ladies may be powerful actors for peace, security, and prosperity. after they participate in peace processes and alternative formal decision-making processes, they will play a vital role in initiating and galvanizing progress on human rights, justice, national reconciliation and economic resurgence. they will conjointly build coalitions across ethnic and sectarian lines and speak up for marginalized and minority teams. investment in women's leadership is so good security also as good development.

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