JAGRITI

- **Team Name : CodHer**
- **Category : Mobile App Development**
- **Team Leader : Sudiksha Malhotra**
- **Team Members : Simran Kaul, Bhawna Yadav, Bhawna Kadam**
- **Problem Statement : To create a women safety app for safer and secure travelling in India and to remove threats and harassment in transport.**

- Every single day single women, young girls, mothers and women from all walks of life are being assaulted, molested, and violated. The streets, public transport, public spaces in particular have become the territory of the hunters. While the ones already hunted down weep in silence or in disdain, the rest fight their way to a basic life with dignity.

- This is the time we own up to ourselves. We stand by each other. Tall and proud. Brave and unfazed. This is the time we own up to India. No more Harassment. We want what we deserve - for us and for our daughters – a safer India for women.

IDEA/SOLUTION

Jagriti App is developed for the safety of women. In todays trend we are continuously worried about the security of women.If they go somewhere we are continuously thinking about them and we don't know if any problem suddenly comes up so in that case we are unable to do any kind of action on it.But now **Jagriti** is here for solving all your troubles.By using this application you can check where they are right now.
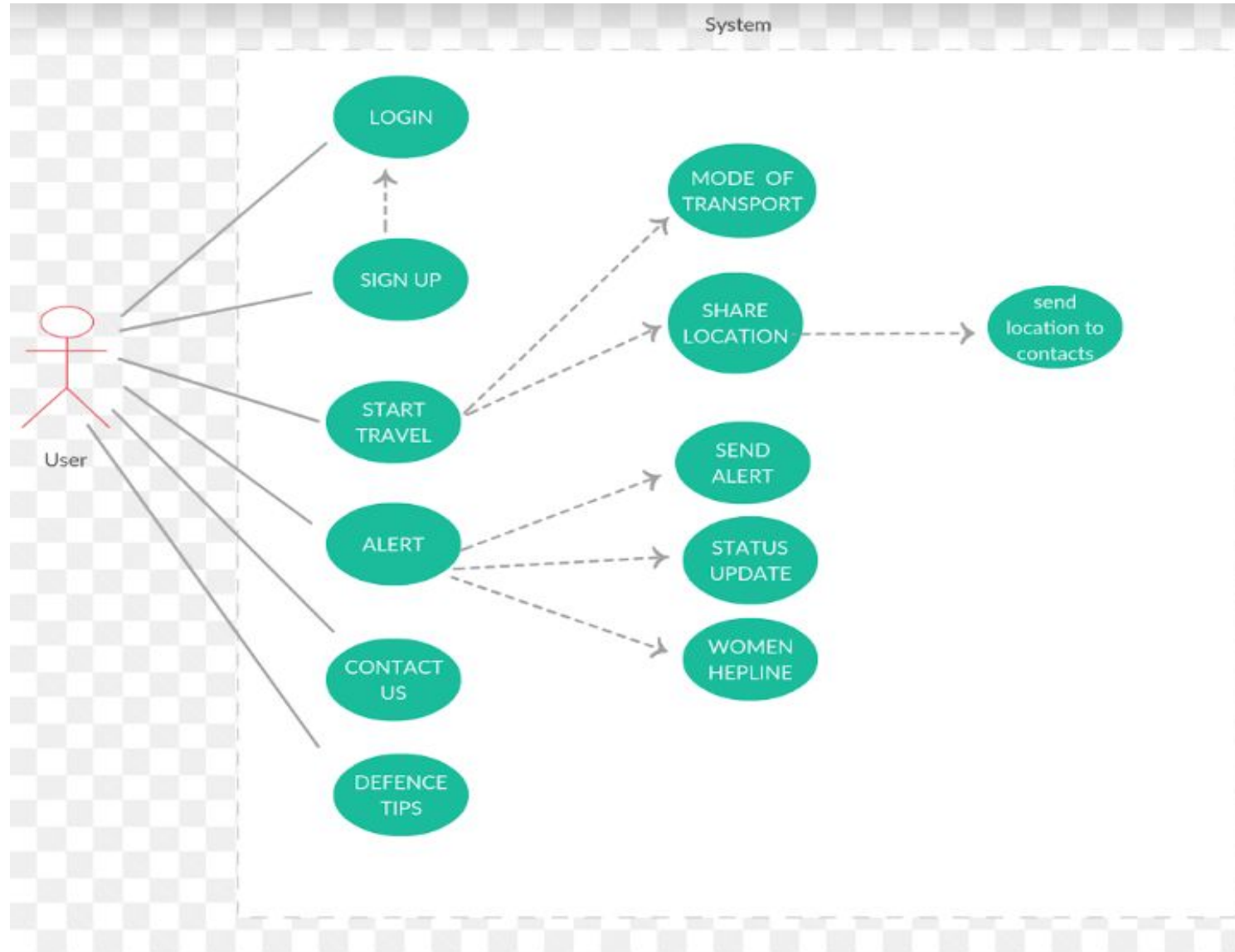
 Jagriti app has the following features to resolves the issues pertaining to women security:

- The application will require the user to **sign up** and enter details about her name, phone number , address , details of **5 friends/family members** who will be informed about her location, along with the photo of the user.
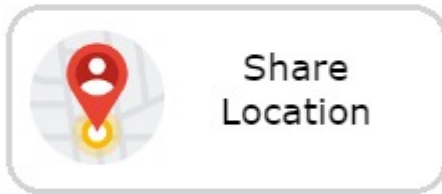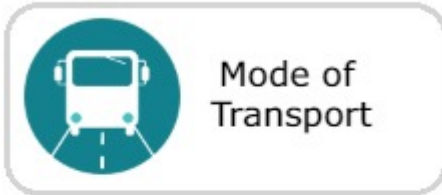- User can **login** user her phone number and password.

IDEA/SOLUTION

- Everytime she starts her travel,she needs to click on **start travel** and give update about the mode of transport. User can choose the vehicle she is travelling by on clicking the **mode of transport**.

- User can share her current or live location by clicking on **share my location** which will send her location to the contacts of her choice and she can choose the medium of sending the location i.e via text or WhatsApp.

- In case of emergency situations, she can click on **alert** option which will open google maps along with three options **send alert**, to **send instant location** to her contacts. The **status update** will record her status and send it to her contacts. The **women helpline** option will immediately send her location to the women helpline number 1091.

- The **defence tips** section of the application will contain tips and guidelines about self defence in the respective situation. It will contain the links to videos and articles on the particular subject.

- The **contact us** section will allow the user to ask questions about the application or to register complaints and queries related to the contents of the app. She can send her complaints and get answers to her FAQs via email or mobile number.
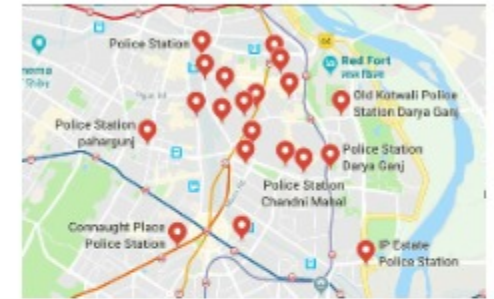
USE CASES

PROPOSED SOLUTION- Mobile App

The app traces the **location of user**. And also gives the **information of vehicle** through which she is travelling. It also includes information regarding the **red zone areas** which are unsafe for women depending on crime rate.
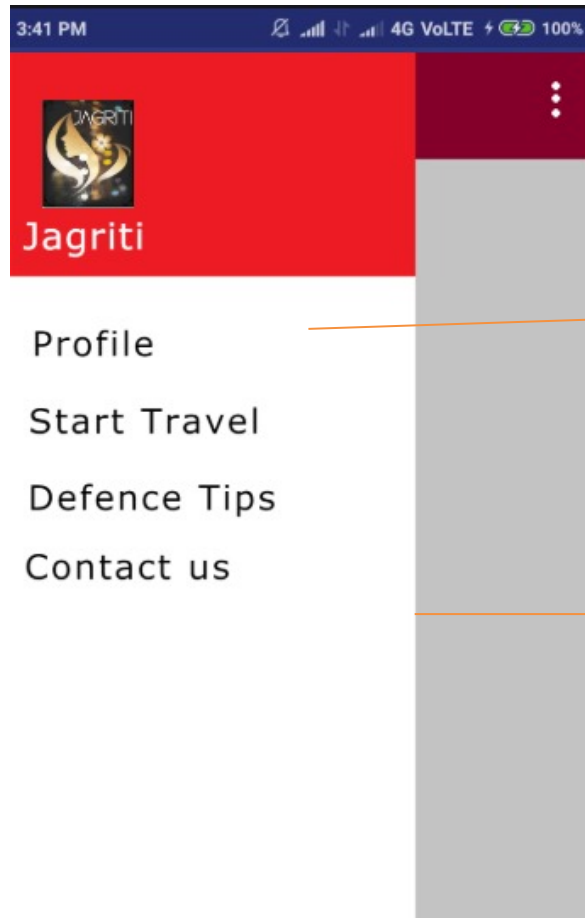
This includes location sharing. And the **alert button** send the instant location. The **status update** button records the experience/state of user and send updates to her contacts. The **emergency call** button dials the **women helpline no. i.e.1091**.

PROPOSED SOLUTION – Mobile APP

User's detail and emergency contact no.s

User can select any options and she will be taken to another activity

As app is launched the Main activity launches, the prototype of which is like adjoining image i.e. this is our launching activity.

As can be seen there numerous buttons which when clicked by the user would direct them to the corresponding activity that depicts the features that are discussed earlier like start travel, alert, defence tips, etc.

The different activities are launched from this activity using intents.

TECHNOLOGY STACK

Mobile App Development

- Android Studio
- Java
- XML
- Firebase : Real time database , Authentication etc using firebase
- Google Maps
- Google Based APIs
- Media Player