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BATCH	B
COURSE CODE	OECS5
EXPERIMENT NO.	6
NAME OF THE EXPERIMENT	UI Design for Women Safety App Rural Region

Aim:

To design UI for women safety app in rural areas

Theory:

1. Analysis of behavior of people in that domain eg their preferences, interests etc.

Users like features like emergency calling, sending their location to emergency contacts in case of any emergency, knowing safe route

2. What kind of interfaces will they like and why?

- a. Easy to navigate
- b. Easy to understand
- c. Spacious and not very compact

3. Existing apps - analyse (Good elements/UI and Bad elements/UI) and rate them

Technology has proven to play a vital role when it comes to security. Many companies have built innovative solutions to improve women safety. There are apps, wearable devices, GPS trackers and many more. Here is the list of five best safety tech tools for women.

- **112 India**

The Central Government of India has launched 112 India, an all-in-one women's security app that can be used to issue an SOS alert with only a single tap in any situation. The service is available on both Android and iOS devices in 23 states and Union Territories. To use this app, users must first register, and it is simple to

use. Its primary goal is to offer women in trouble a single number to call in an emergency. 112 India is one of the best safety apps available right now.

Key Features

- An audio/visual media is used to deliver the emergency alarm.
- This application is so efficient that you may use it anytime.
- It integrates with existing emergency services with ease.
- Additionally, it also aids in the investigation of the events

- **My SafetiPin**

This is the highest-rated app designed to keep women safe. SafetiPin offers functions like tracking GPS location, calling emergency contact number. The app also shares details like nearby safety location where the user can go in case of an emergency. The pinned locations are marked with safety scores.

- **bSafe**

This app creates a social safety network of those who will get a notification in case of an emergency situation. It also provides an alarm which sends the exact location and audio-visuals of the surrounding areas. It is possible to set a timer that automatically sends an alarm to friends if the user fails to return in time to turn off the alarm.

- **Letstrack**

This app can act as a vehicle security system along with an app. Users can install their smartphone with this app in their vehicles. The app offers features like connectivity in rural areas, real-time tracking, zone alerts, and 24-hour history.

- **Rescuer**

This women safety app lets users send unlimited messages to the users who have the app on their phone. You can set the contact information of two people so that they can reach the respective spot to rescue the person in trouble. If the user is in danger, they simply have to press the emergency tab in the app.

- **CitizenCop**

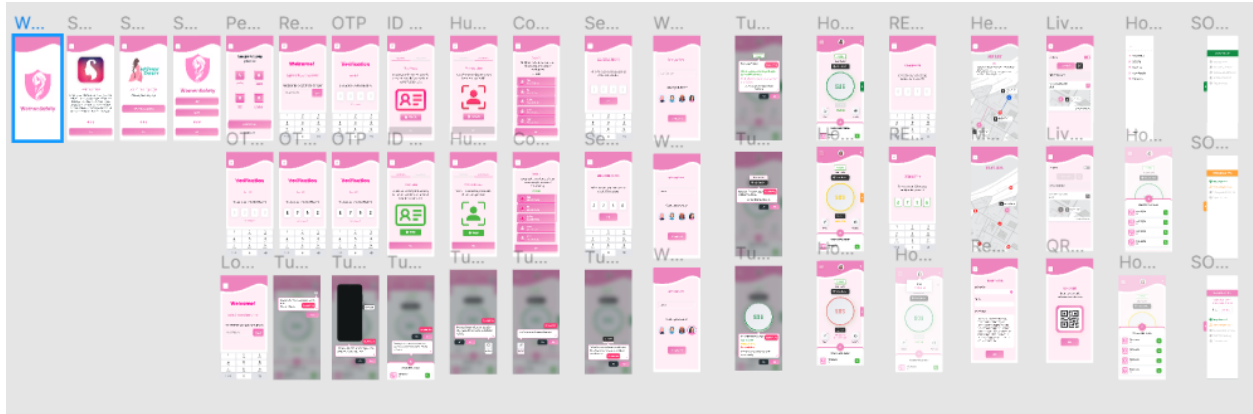
This app is ideal to immediately report a crime at the earliest. If a woman is stuck in an emergency, she immediately reports the incident. The app is designed keeping the focus on the well-being of the people. The app acts as a bridge between the law enforcement department and citizens.

4. What will be your choice of screen elements? Write down your own Design Goals which you want to furnish while making the website.
 - a. Spacious, aesthetic
 - b. Text and font size should be appropriate and clear so that users can see it without strain. The colour textures and UI patterns should be appealing and contrasting to pull the attention of the user
 - c. The screen should not be flooded with texts and information but rather it should contain colourful pictures and navigation should be proper to link screens.
 - d. Accurate information to be provided through the application
 - e. No use of jargon
5. How will your app be better than the existing ones?
 - a. Localisation Feature
 - b. Sending Reports
 - c. View Danger Zones
 - d. Voice Support

Procedure:

1. Research about the problem statement i.e. Women Safety App
2. Open a new file and create a desktop frame
3. Decide the color scheme and font for the design
4. Decide the number of pages to be designed
5. Design the navigation bar and the footer and once done, convert them into a component
6. Make a basic wireframe for all the web pages and add the components navbar and footer on all pages
7. Designing individual components for every web page and add images wherever required related to the problem statement and check the alignment of components
8. Add interactions on button and flowing connections on all the pages wherever required
9. After prototyping, preview the design and fix if any uniformity errors or alignment issues

Implementation:



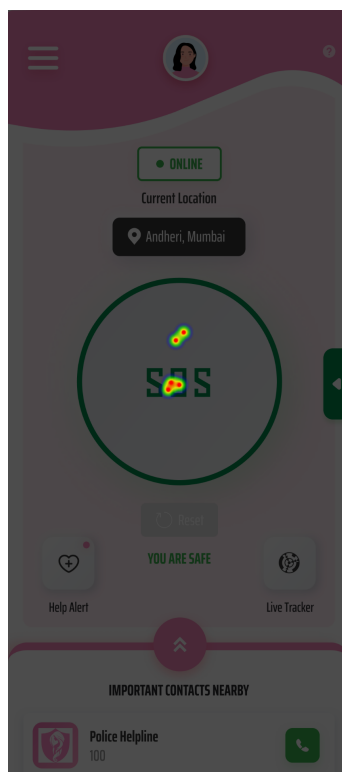
Figma URL:

<https://www.figma.com/proto/5lsXwqUqeXGUA70HU7KH9V/Exp-6---Women-Safety-App?node-id=304%3A440&scaling=min-zoom&page-id=304%3A190&starting-point-node-id=304%3A403>

Observations:

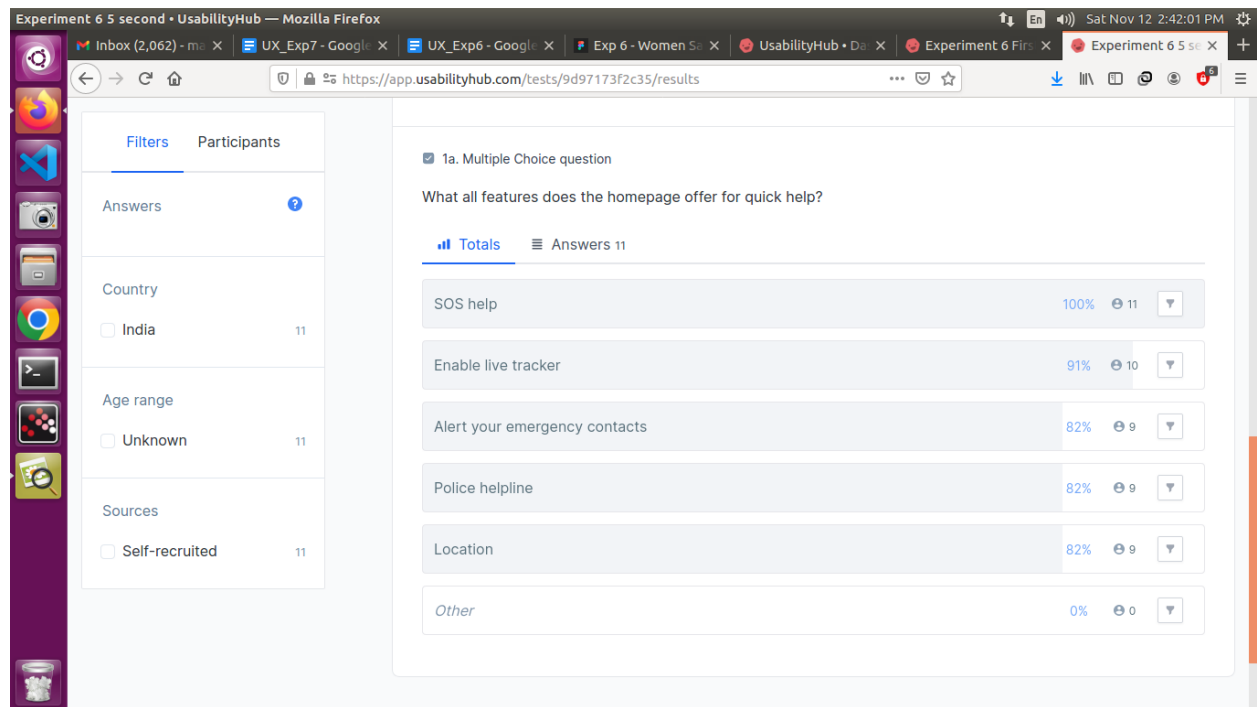
First Click Test

<https://app.usabilityhub.com/tests/4f3cfc3f2c7e/results>



5 second Test

<https://app.usabilityhub.com/tests/9d97173f2c35/results>



Conclusion:

Hence, we successfully designed a women safety app for rural region in figma