

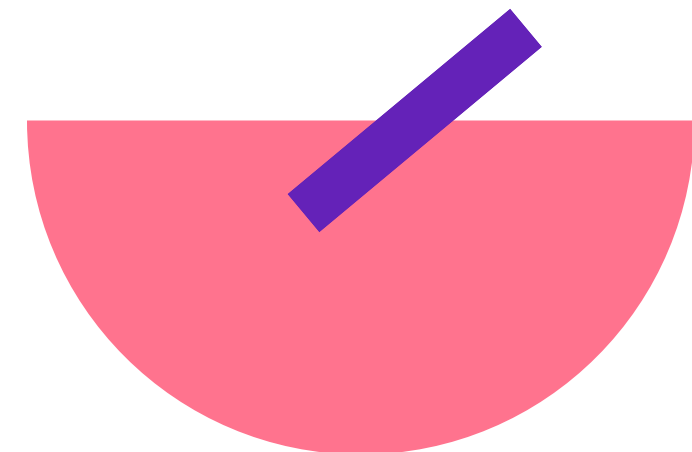
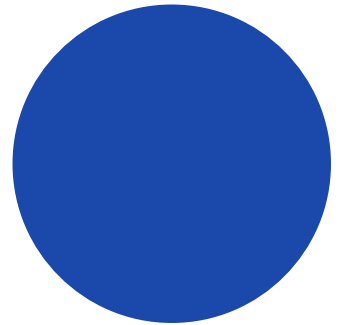


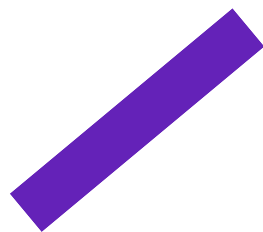
KAVACH

Women's safety app

C23

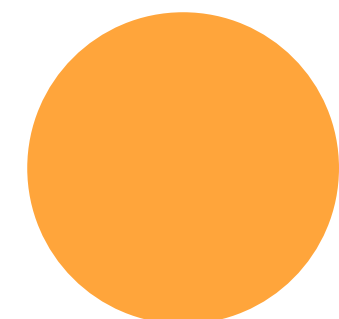
KSHITIJ MAKHIJA - 2103106
PRATISH MAKHIJA - 2103107
ARNAV MALVIA - 2103109
RISHAB MANDAL - 2103110
RITIK MANDAL - 2103111





KAVACH

Women Safety App

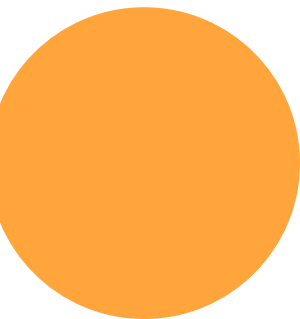




Historical Backgroud

Existing systems for women safety app

- ABHAYA: An Android App for Women 's Safety.
- S-Zone : System for women safety and Security.
- Other commonly available feature.

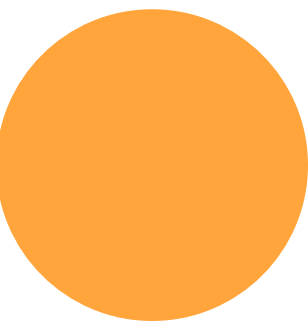




Need for Kavach

New age women safety app

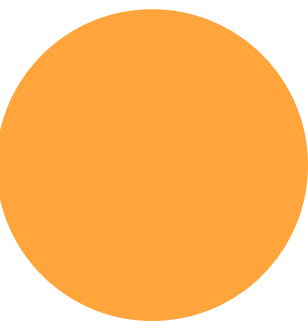
- Women in India face significant safety challenges.
- Instances of harassment, violence, and discrimination persist.
- These issues occur in public spaces, workplaces, commutes, and homes.





Requirements

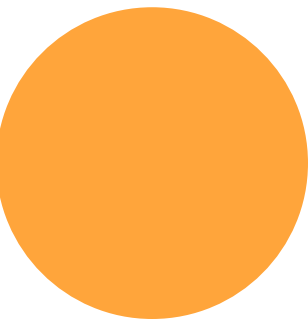
- Software
 - Platform and Development
 - User Authentication
 - Contact Management
 - Ui/Ux Design
- Hardware
 - Mobile Devices
 - Gps and location services
 - Connectivity





Construction

1. Setting the Development Environment
2. Building the User Interface
3. Styling
4. Integrating APIs and Services
5. Testing and Quality Assurance
6. Cross-Platform Compatibility
7. Identifying Key Features
8. Customization and Settings



What makes us unique?

- Providing safety while travelling
- Safety while using public transport.
- Disability Friendly.
- False shutdown.
- App supported on Wearables.
- Community to share stories and learn workshops.
- Aadhar & PAN Verification.
- Safety Map.
- Education (Self defense, Disability guide)

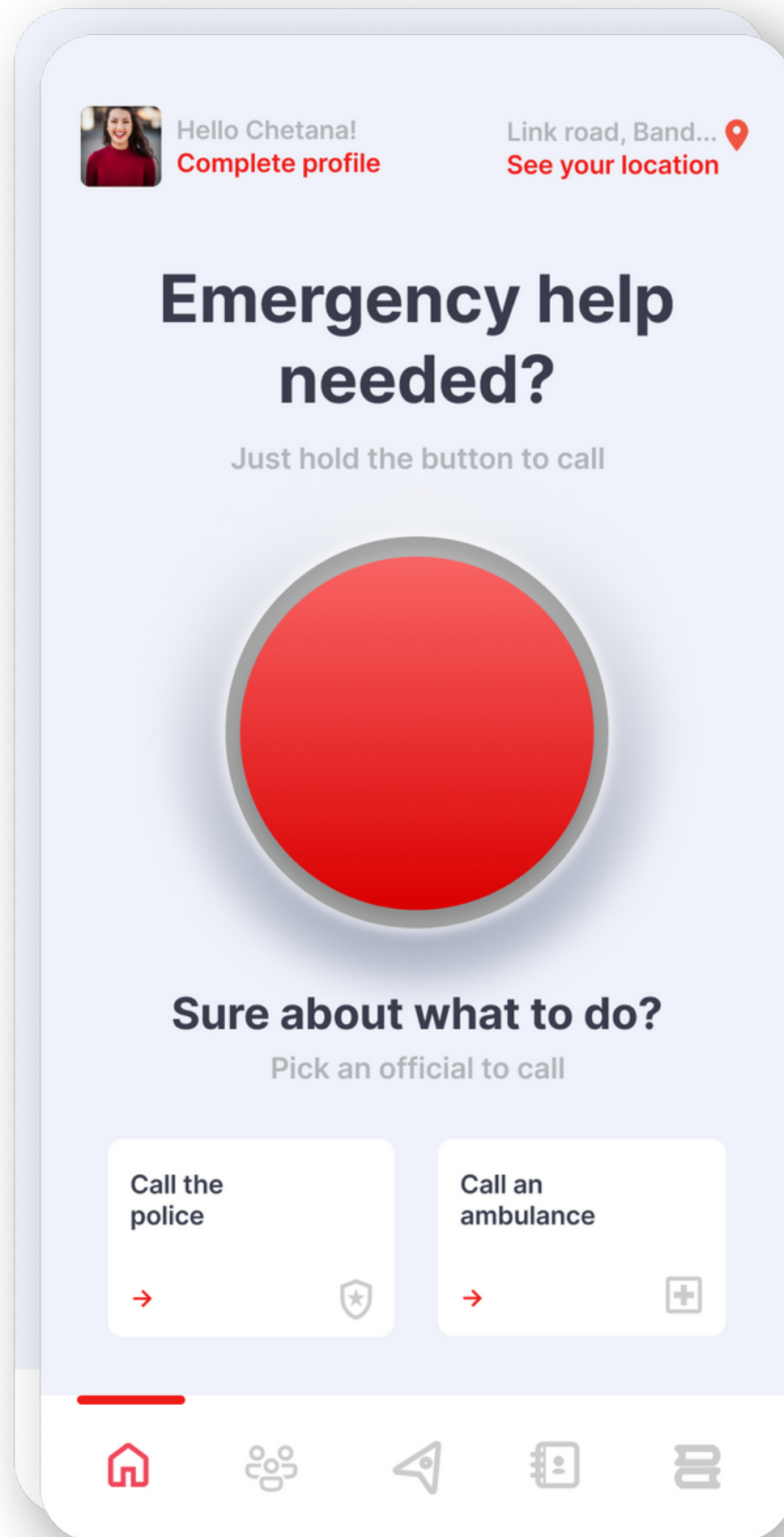
Emergency Detection using sensors

- Keyword in audio using microphone
- False shutdown
- Smart watch exclusive feature – Mixture of heartrate, location & Accelerometer sensor
- Emergency trigger button

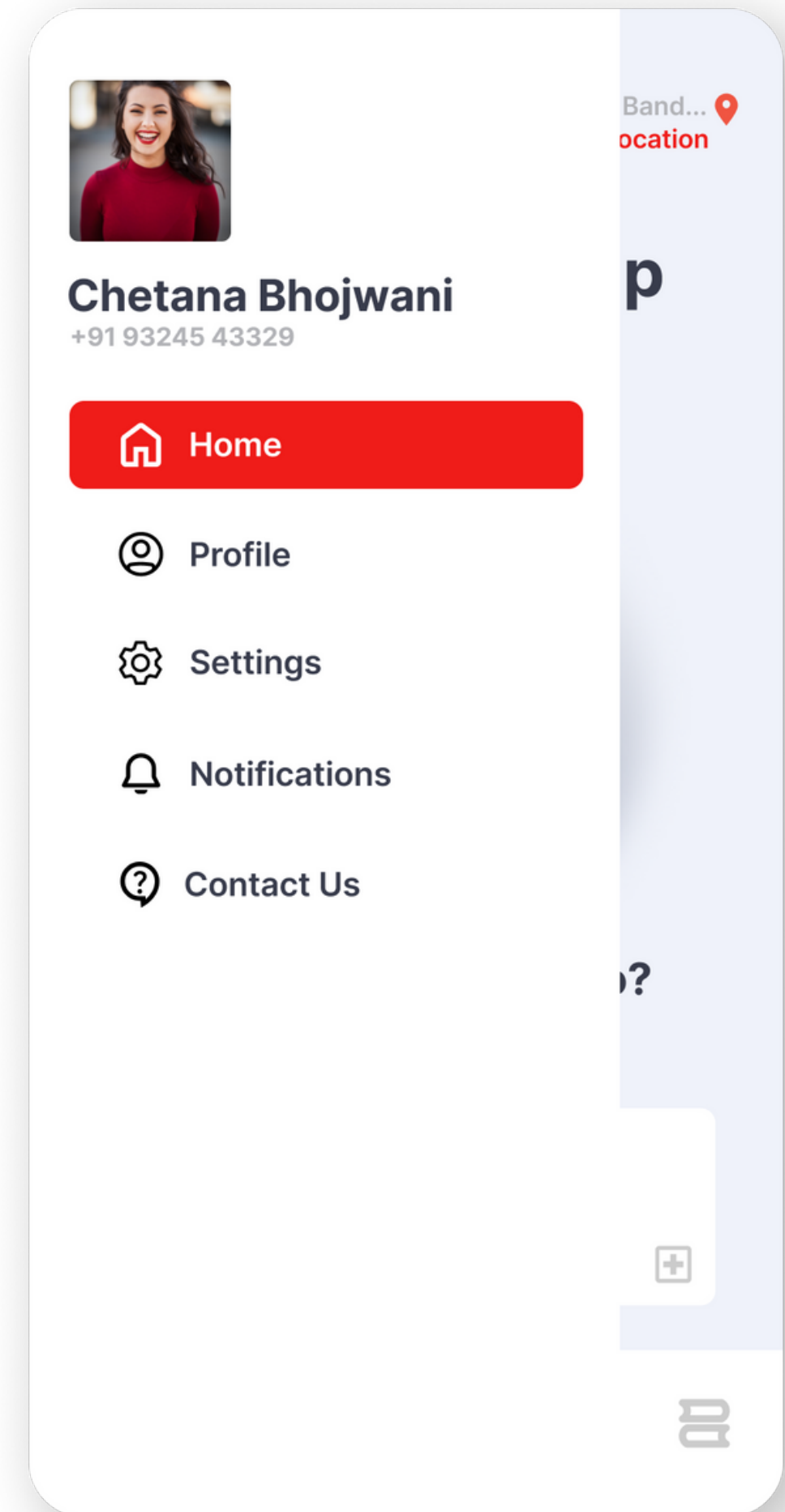
NOTE – All the features can be turned on/off by the user

What after emergency is detected

- Live location + SOS message to emergency contacts.
- 30s audio + video sent to police department.
- Map showing ETA of help arriving.



App Design



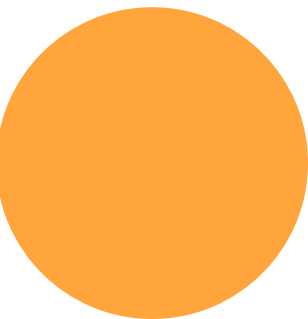


Advantages

1. Emergency Assistance
2. Real-Time Location Sharing
3. Safe Routes and Navigation
4. Trusted Contacts
5. Legal Compliance

Limitations

1. Dependency on Technology
2. False Alarms
3. Network Vulnerabilities





Thank You

