

# Raksha

**Women Safety App**

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# INTRODUCTION

1

## PROJECT GOALS OVERVIEW:

- Create Raksha, a robust Women Safety App, ensuring instant access to emergency services.
- Foster both security and confidence for users in their day-to-day activities.

2

## UTILIZING FLUTTER FOR DEVELOPMENT:

- Leveraging Flutter to ensure a consistent user experience on both iOS and Android platforms,

3

## EMPOWERING SAFETY AND CONFIDENCE:

- Offering reliable immediate assistance through Raksha to enhance user security.
- Providing quick and intuitive access to emergency services within Raksha to boost user confidence.


1 Goal #1

# Creating Register and Login Page

FOR CHILD AND  
PARENT

15:00 65%

## USER LOGIN



enter email

enter password

LOGIN


Frogot Password? [click here](#)

[Register as child](#)

[Register as Parent](#)

≡ □ ◀

21:10 38%



enter name

enter phone

enter email

enter guardian email

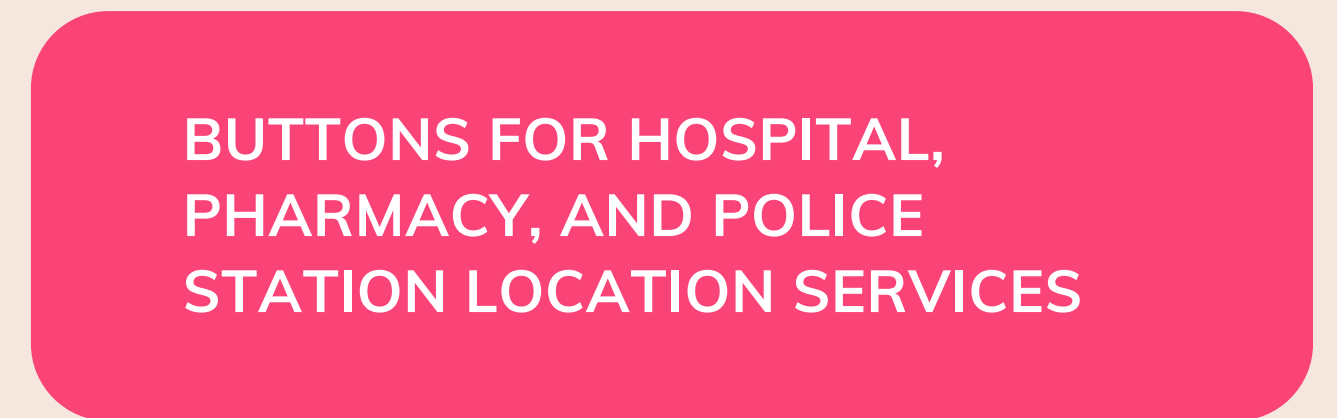
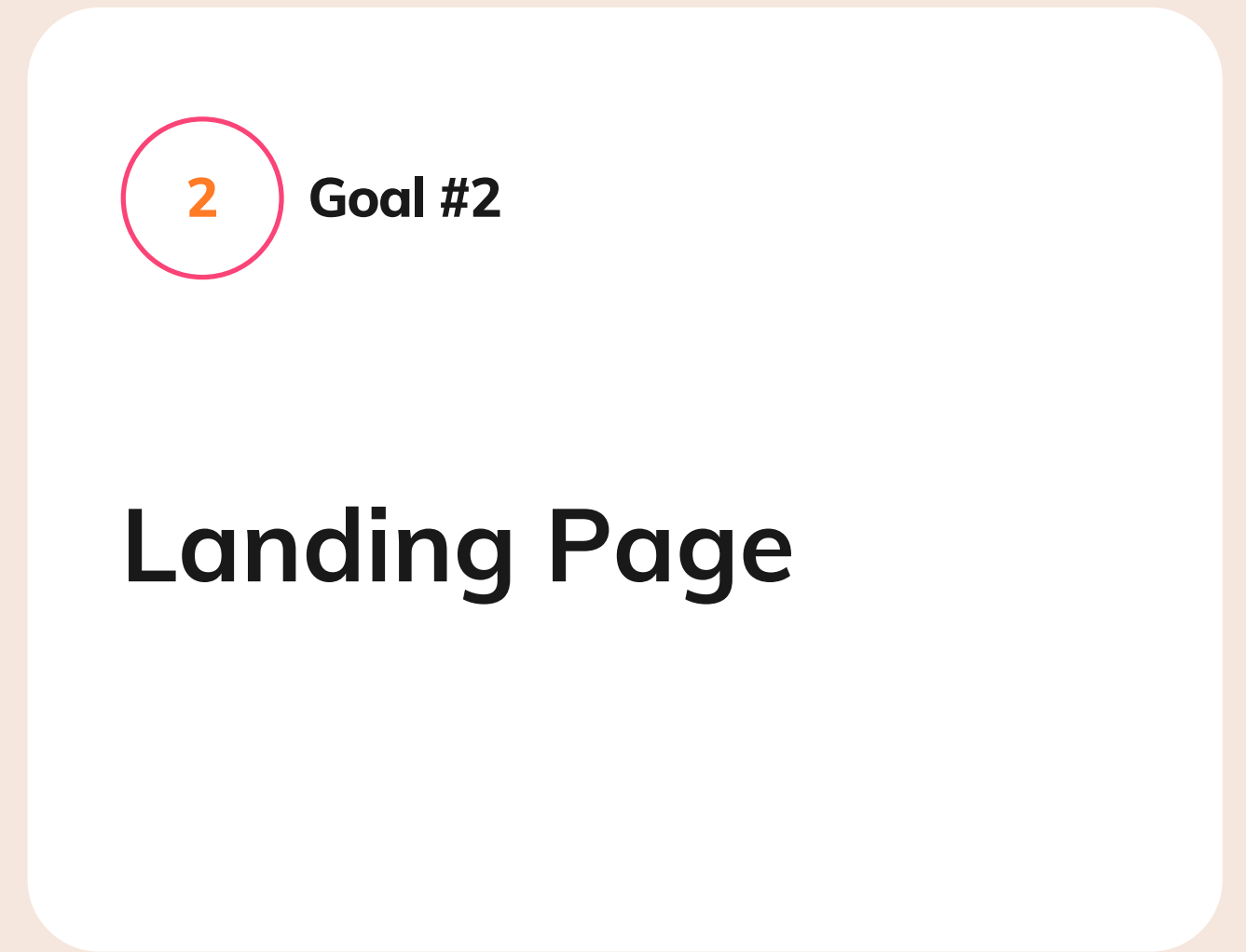
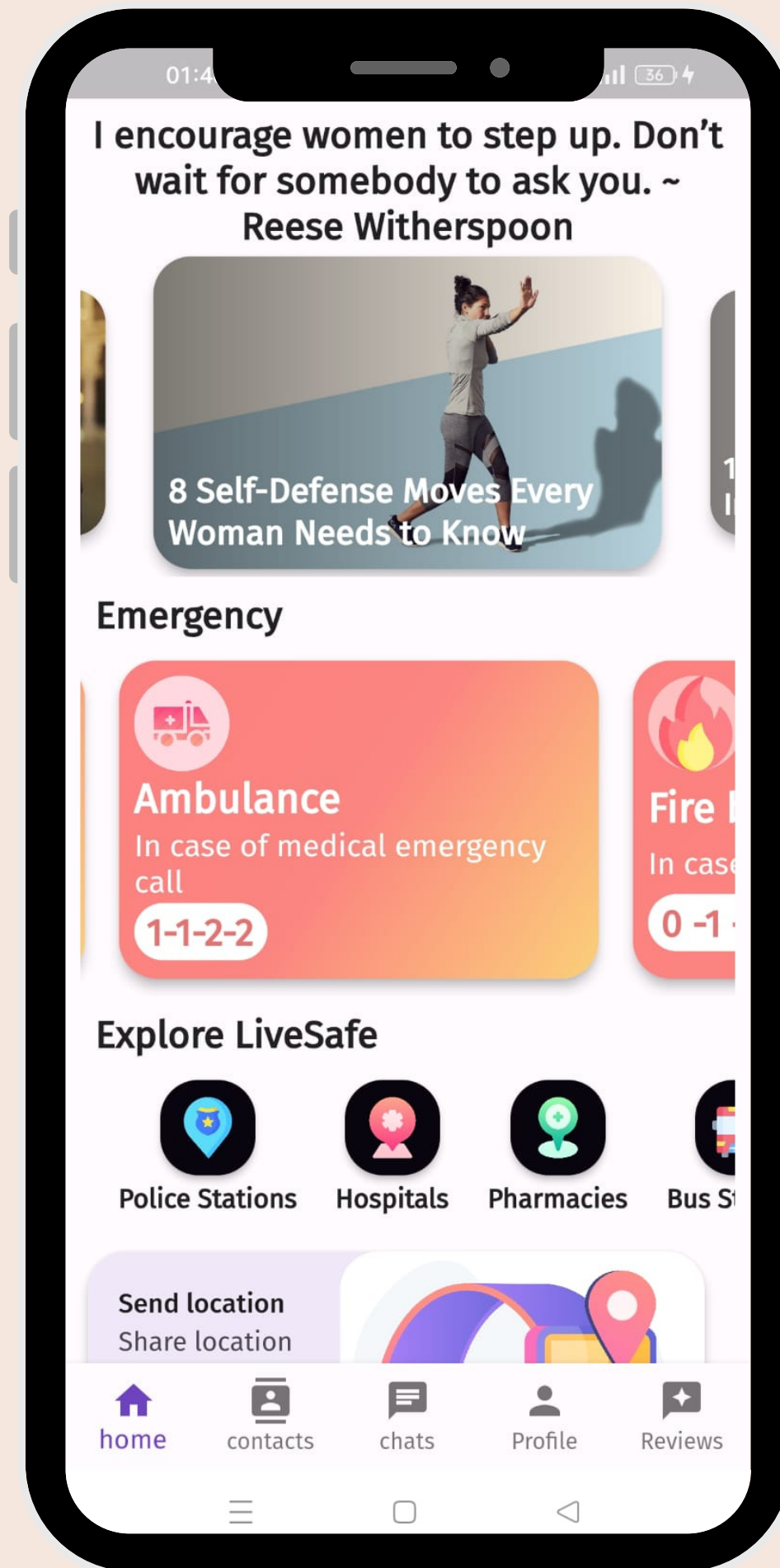
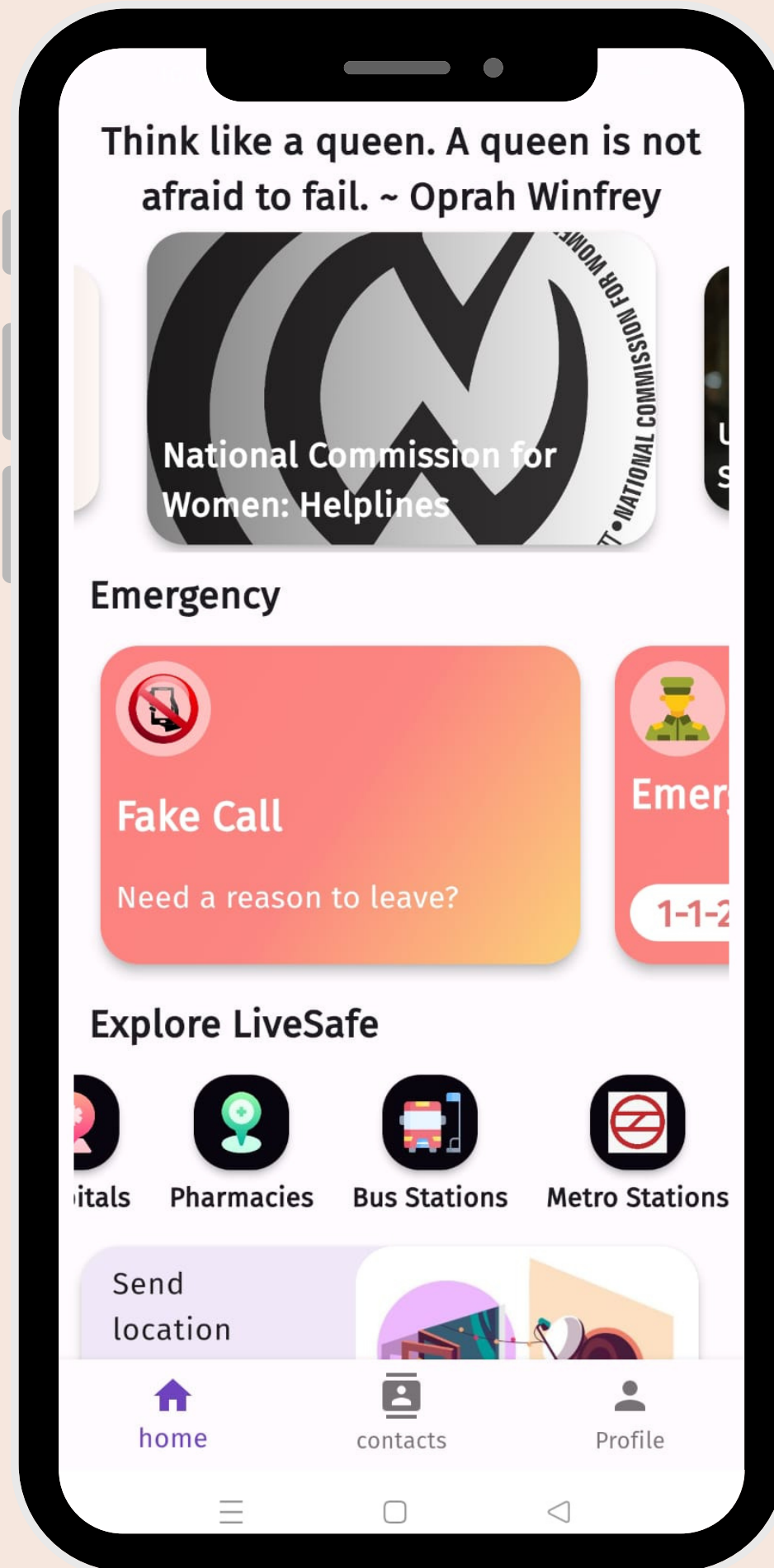
enter password

retype password

REGISTER

[Login with your account](#)

≡ □ ◀



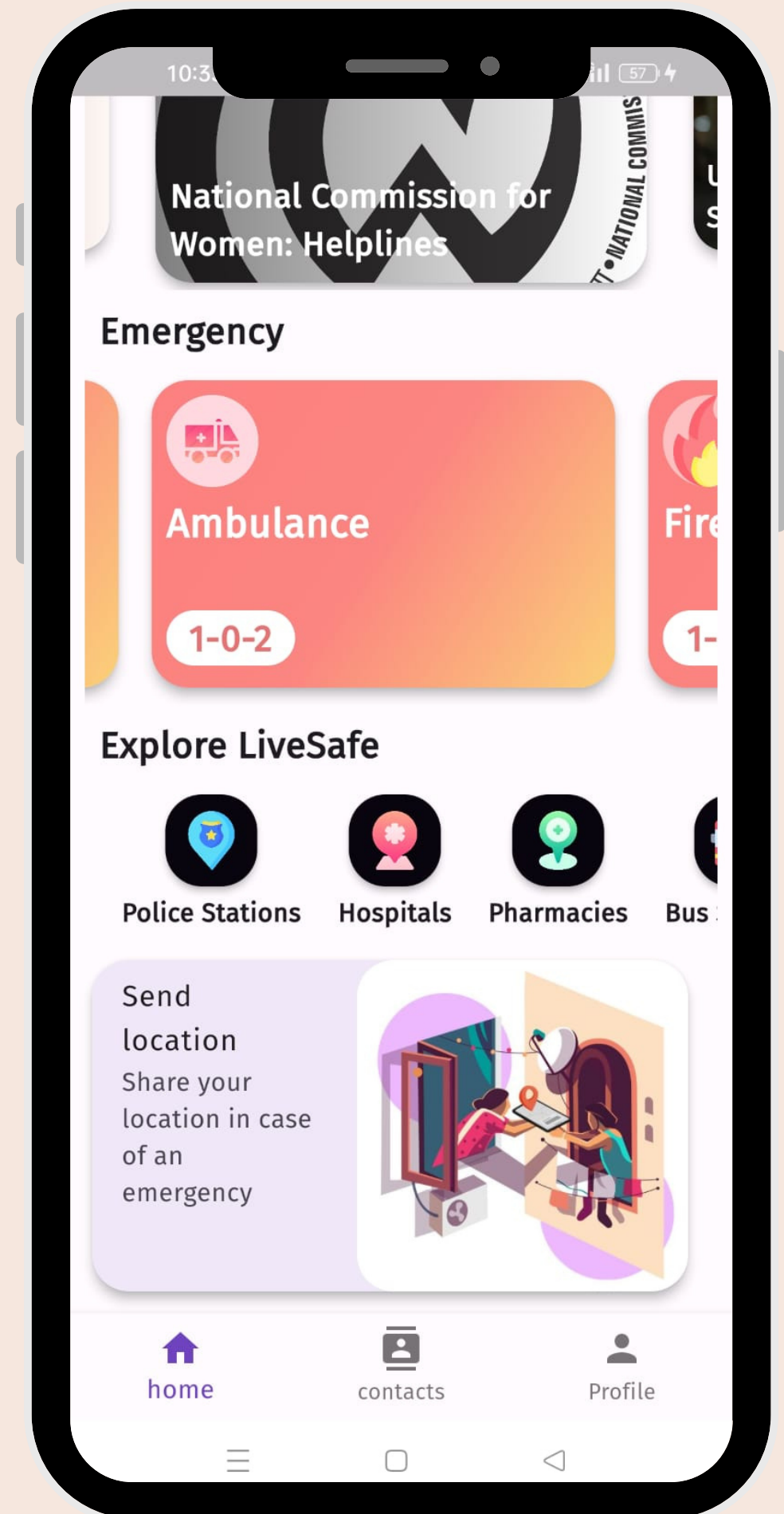
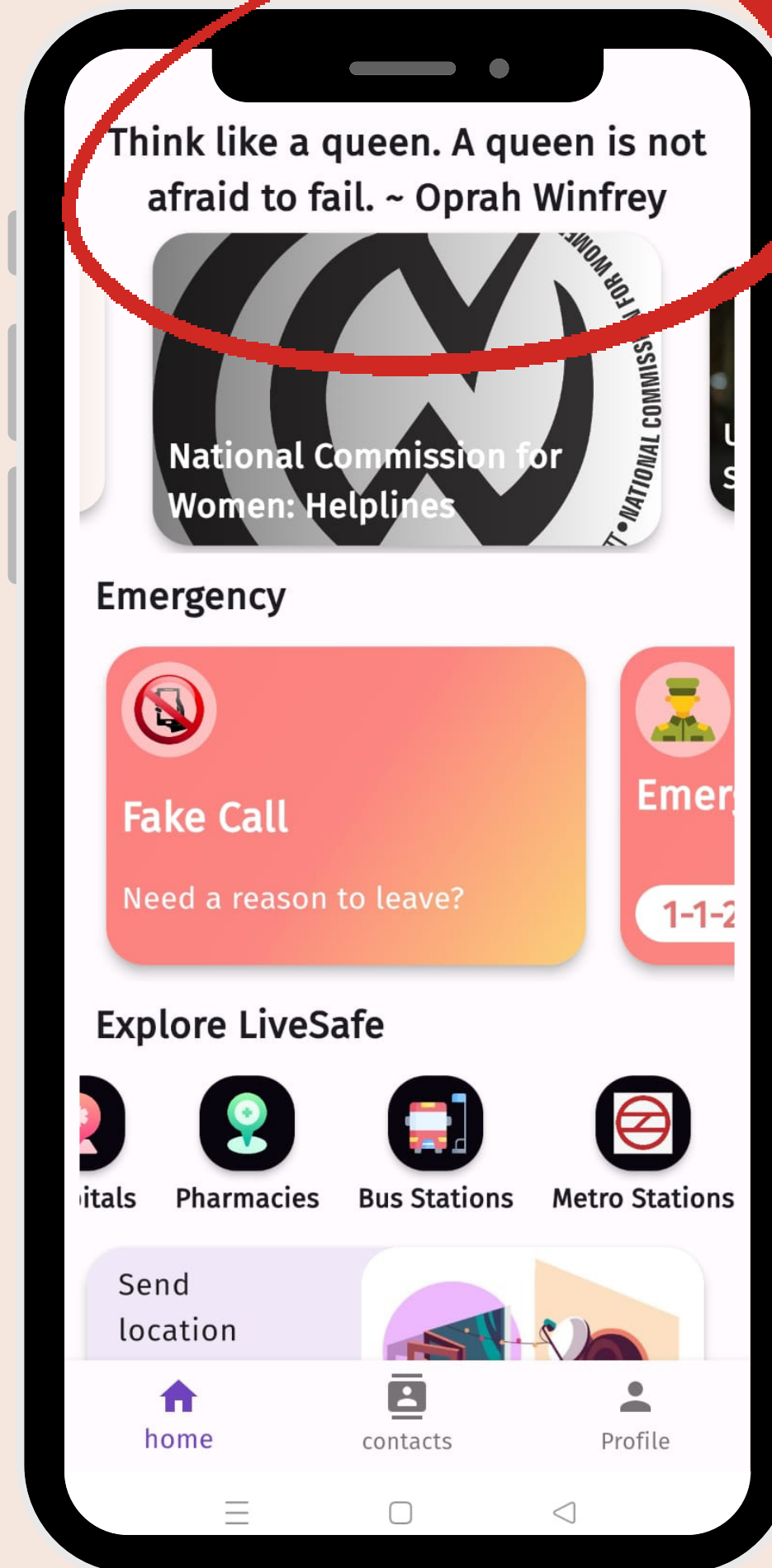


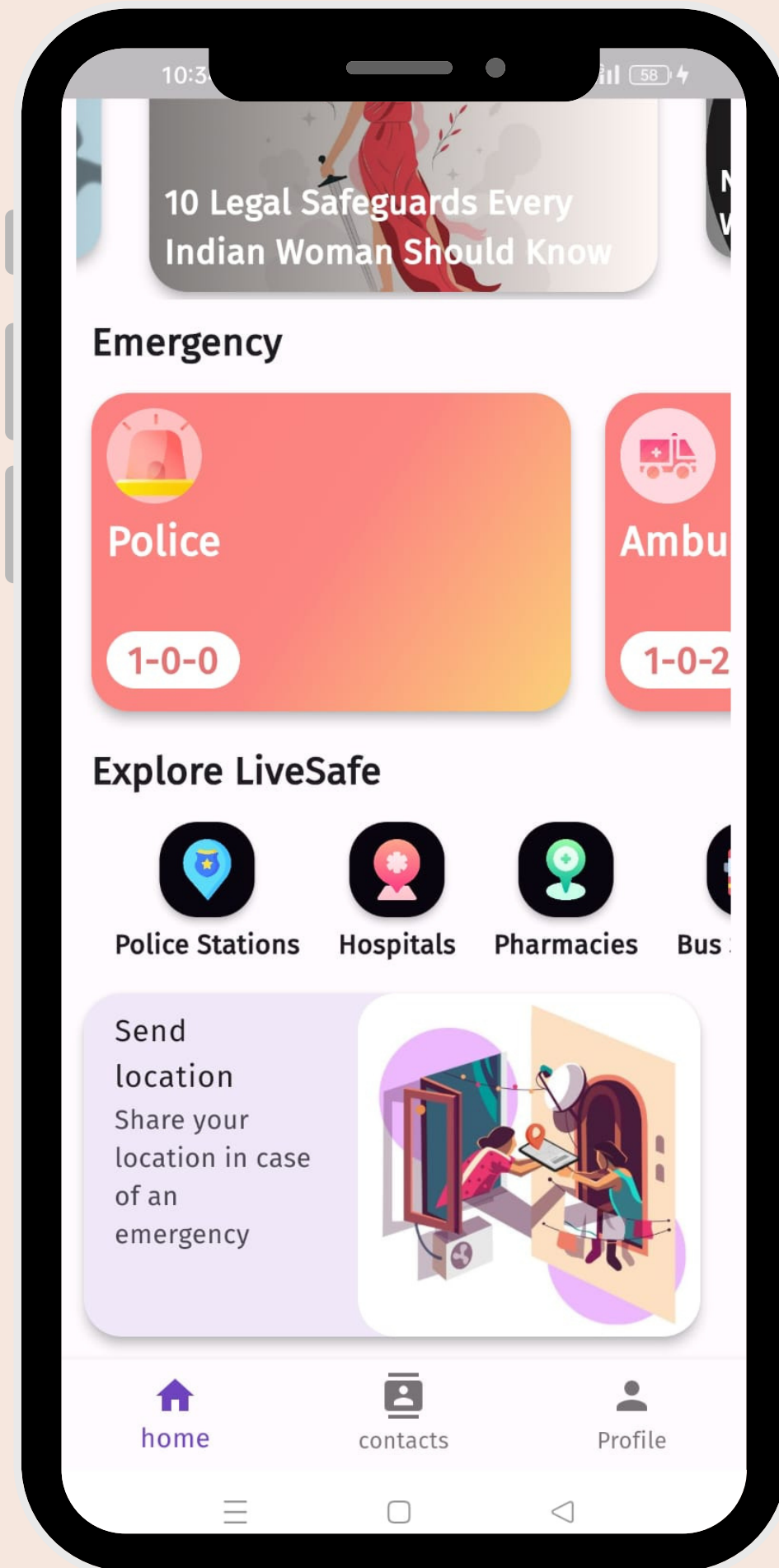
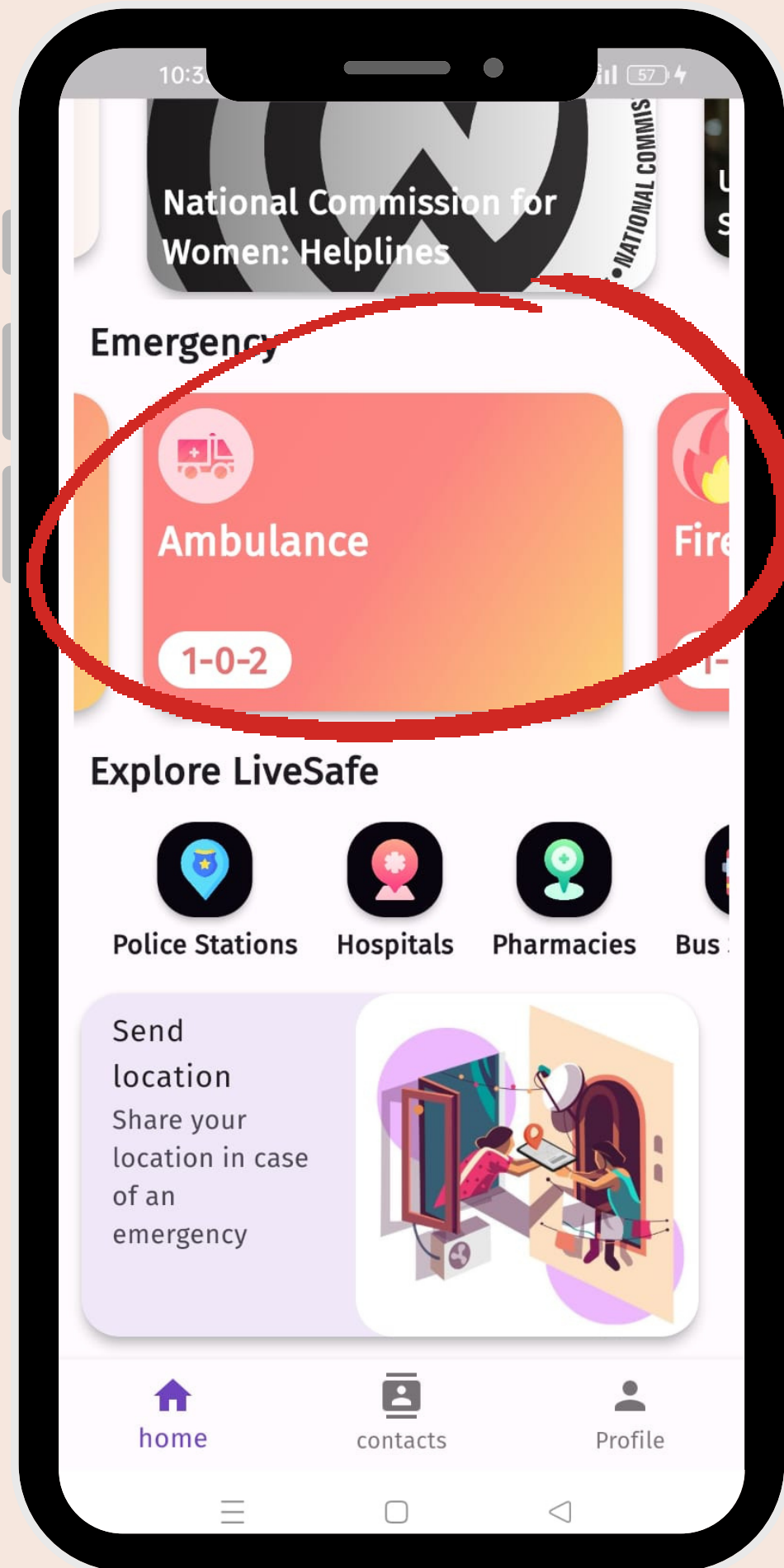
3

Goal #3

## Enhancing the User Interface

ENRICH UI WITH DIVERSE WIDGETS, VIBRANT PALETTES, UPLIFTING QUOTES, AND ENGAGING ARTICLES FOR AN INTUITIVE, INSPIRING USER EXPERIENCE





4 Goal #4

## EMERGENCY

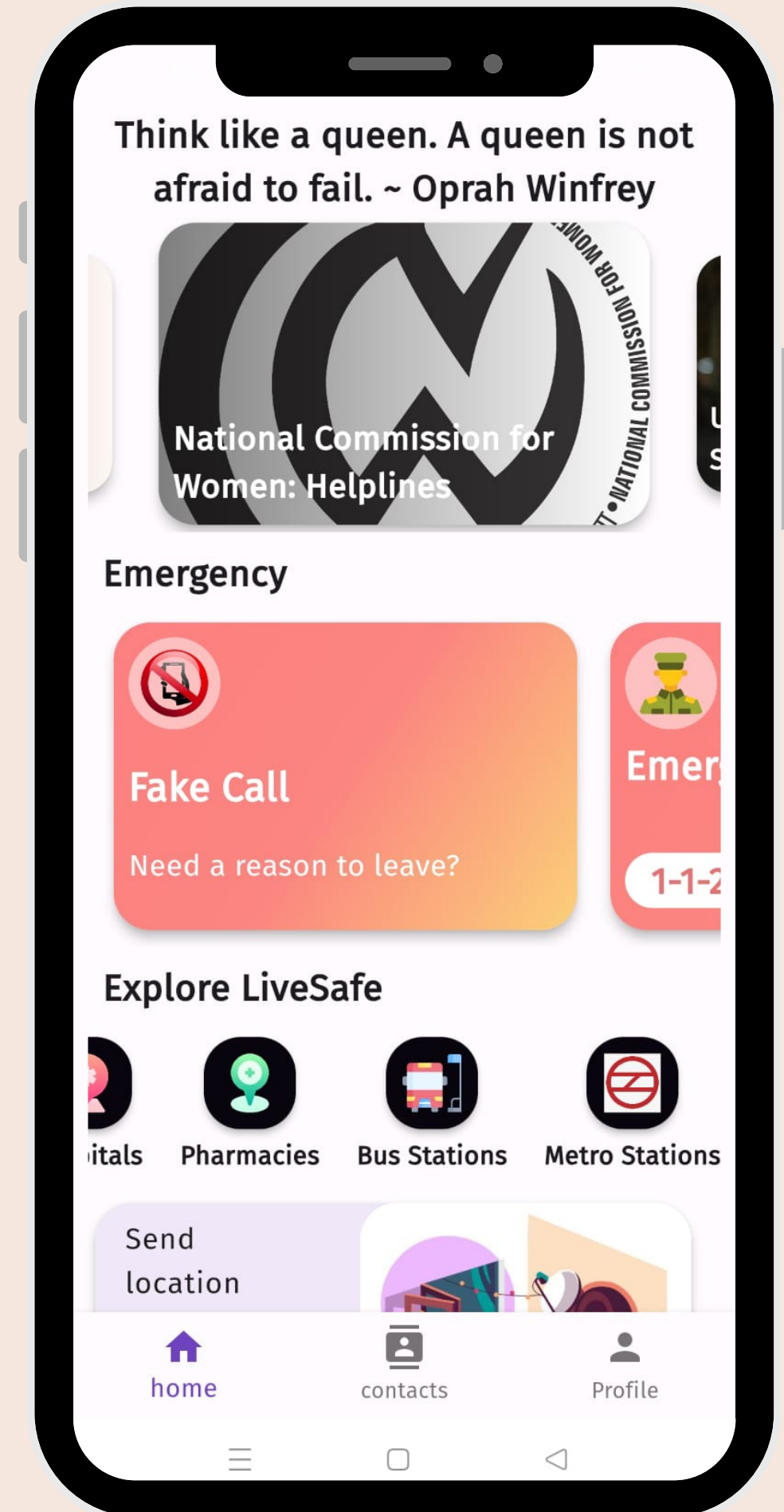
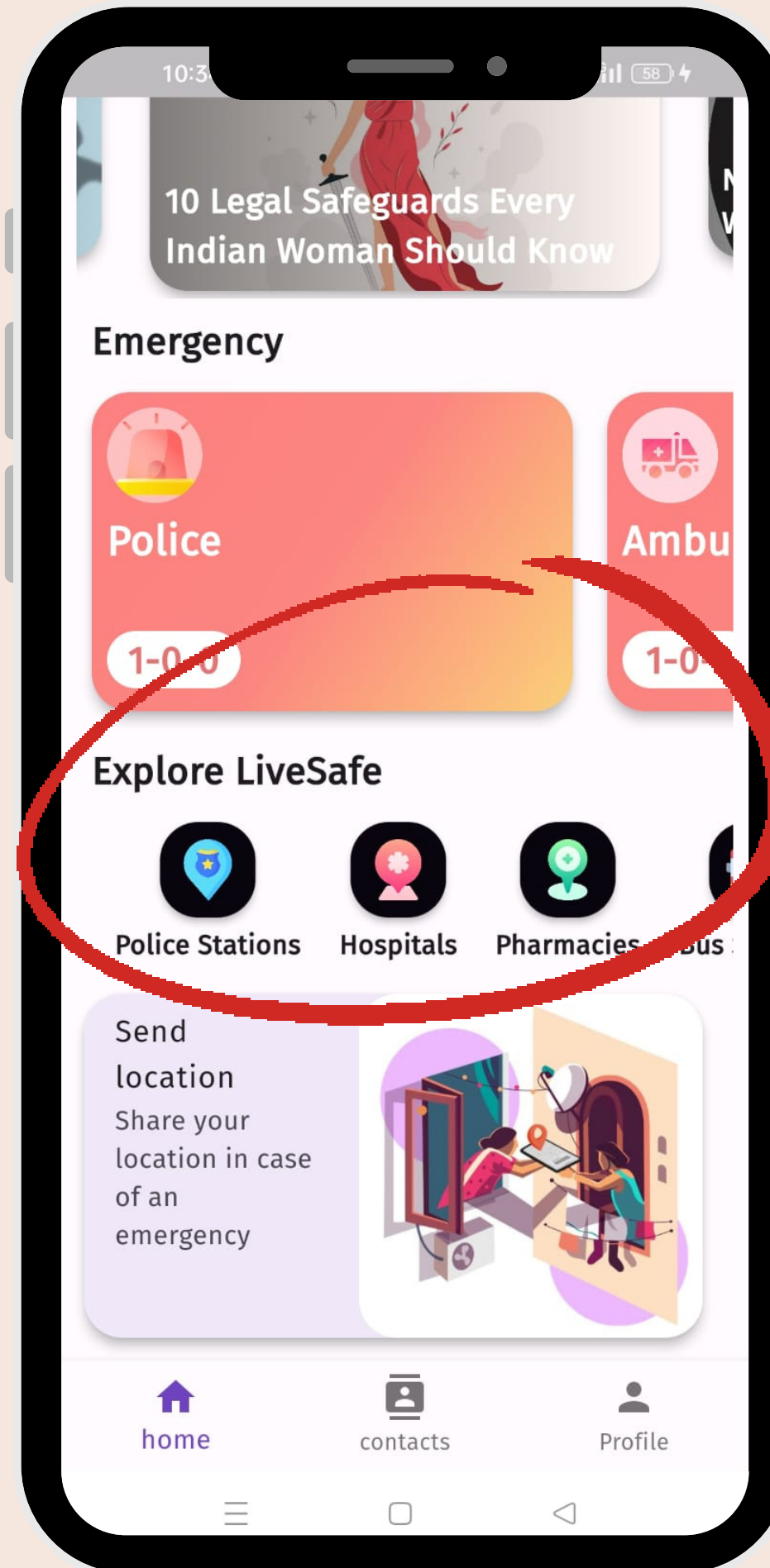
EMERGENCY FEATURES  
INSTANTLY CONNECT YOU TO  
POLICE, ENABLE FAKE CALLS,  
SUMMON AMBULANCE SERVICES,  
OR REACH THE FIRE BRIGADE  
SWIFTLY.

5

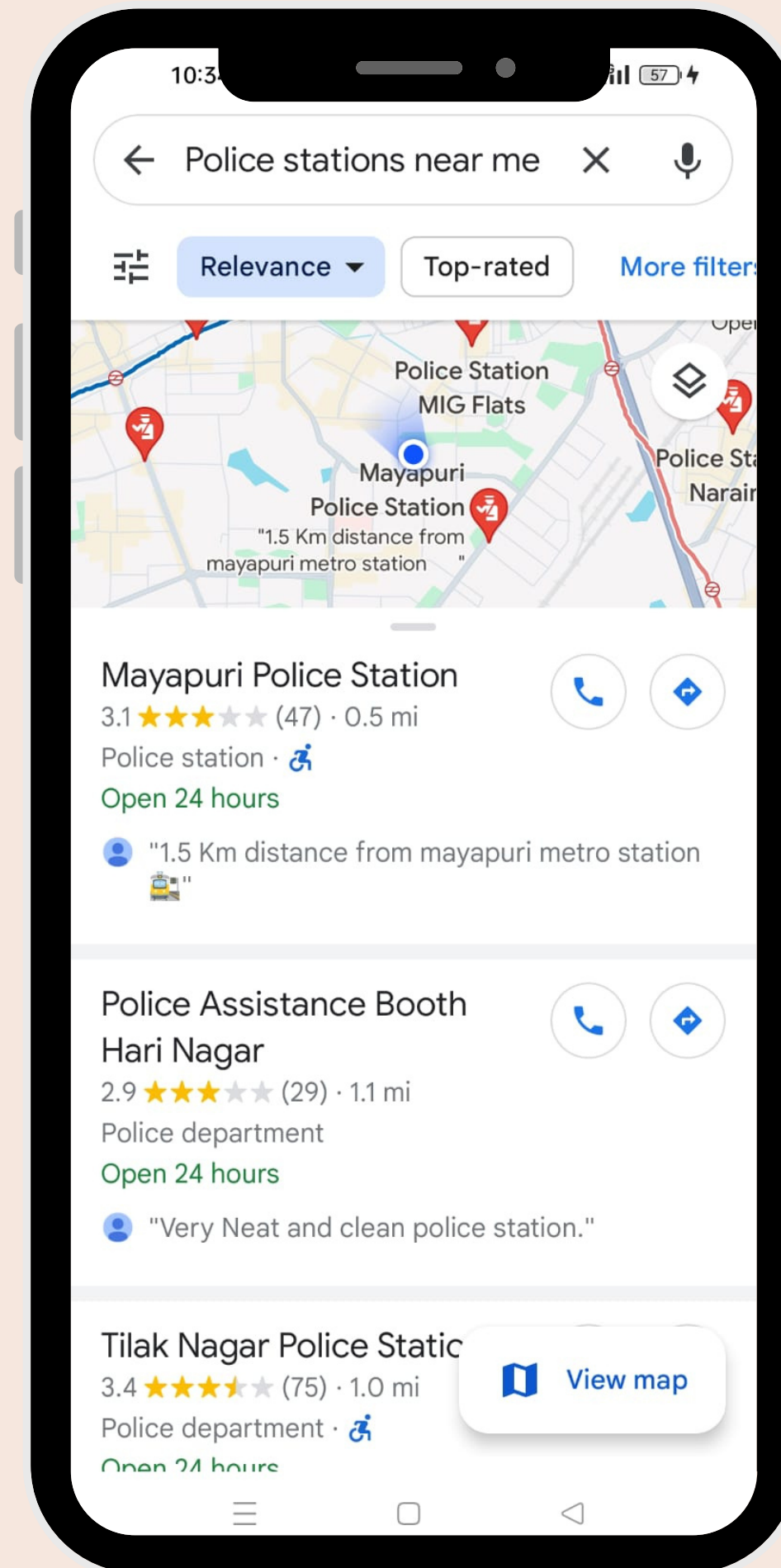
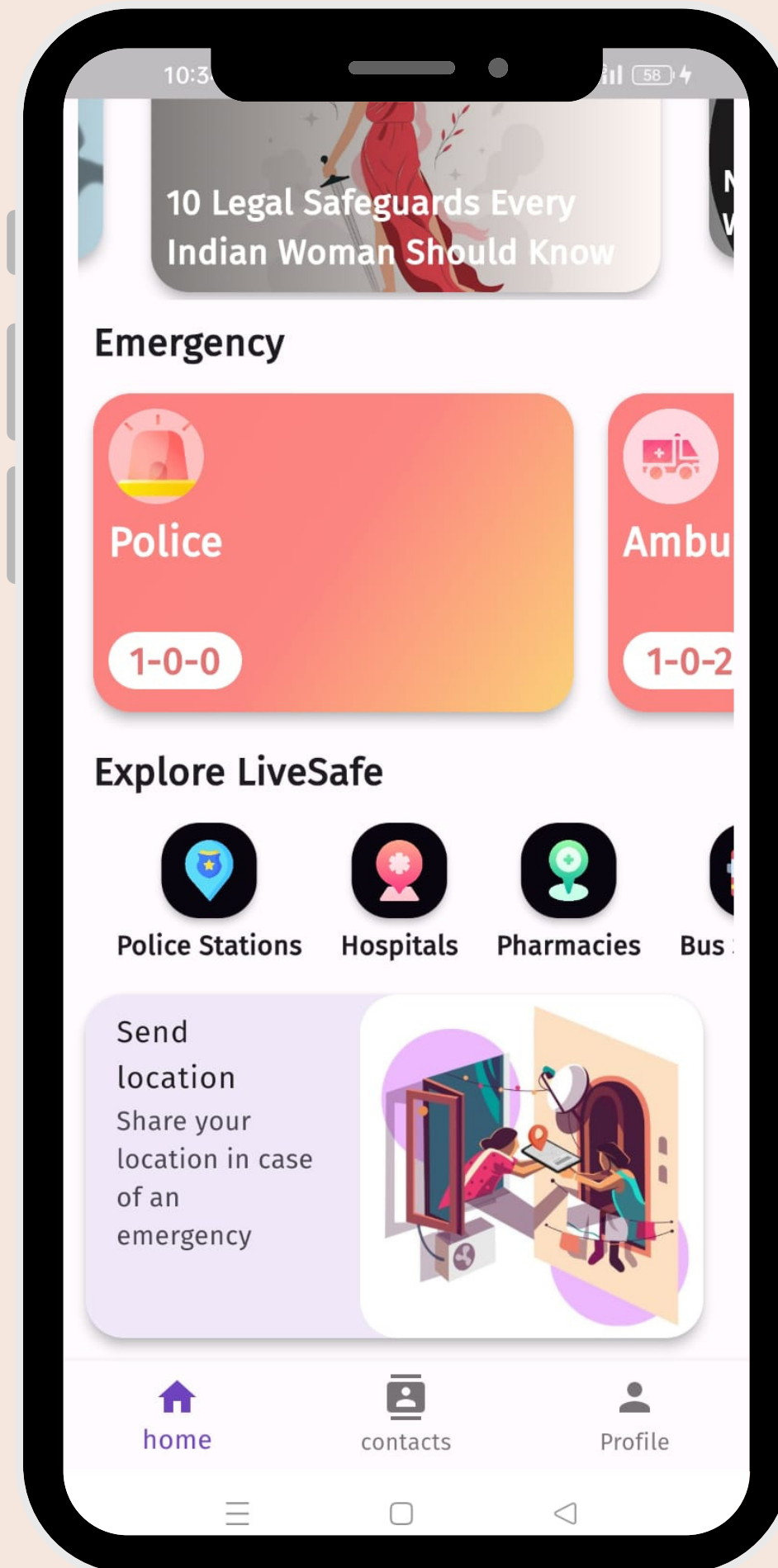
Goal #5

## Explore LiveSafe

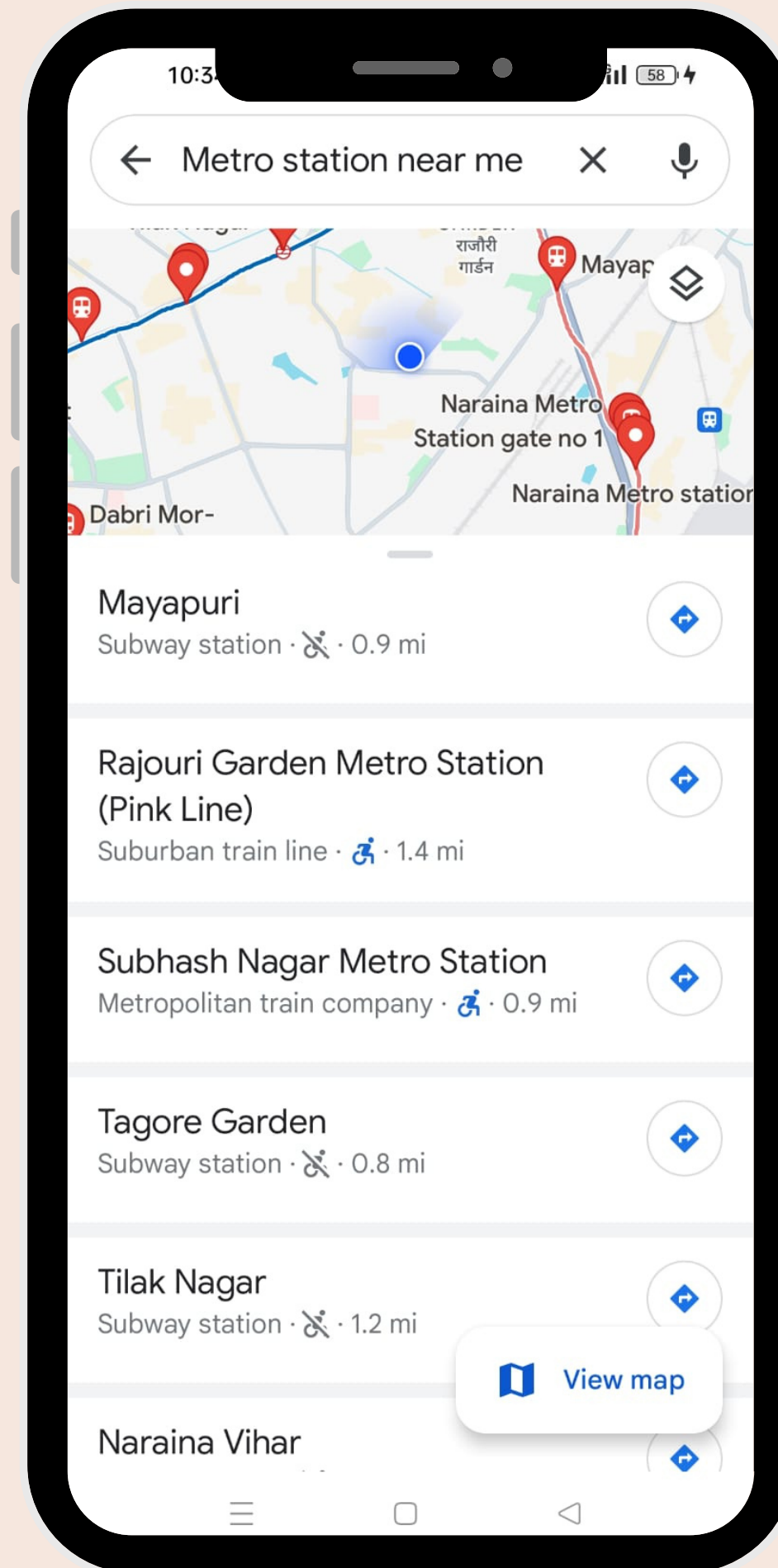
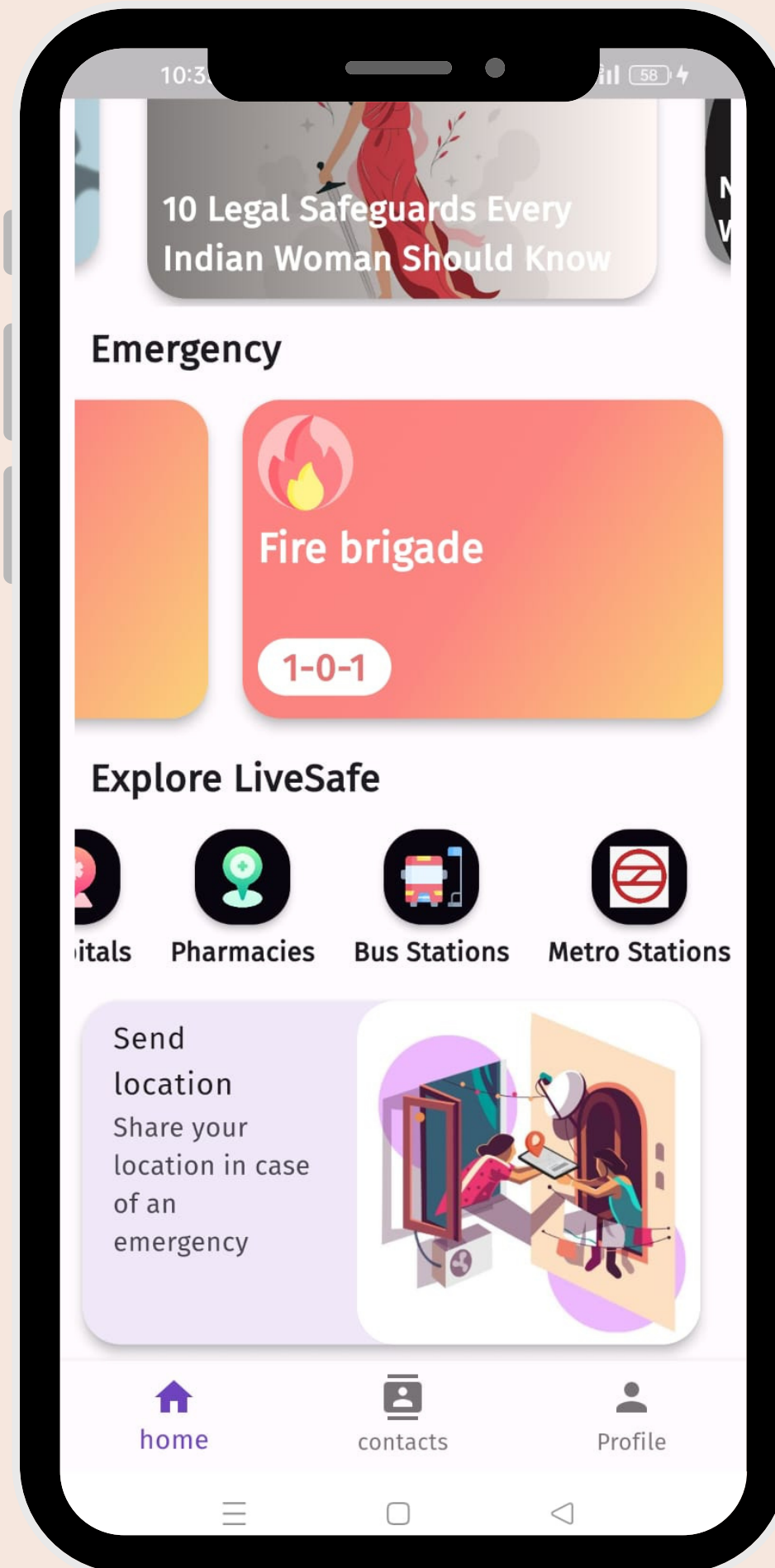
DISCOVER LIVESAFE, GUIDING YOU TO NEARBY POLICE STATIONS, METROS, HOSPITALS, PHARMACIES, AND BUS STATIONS FOR SEAMLESS NAVIGATION

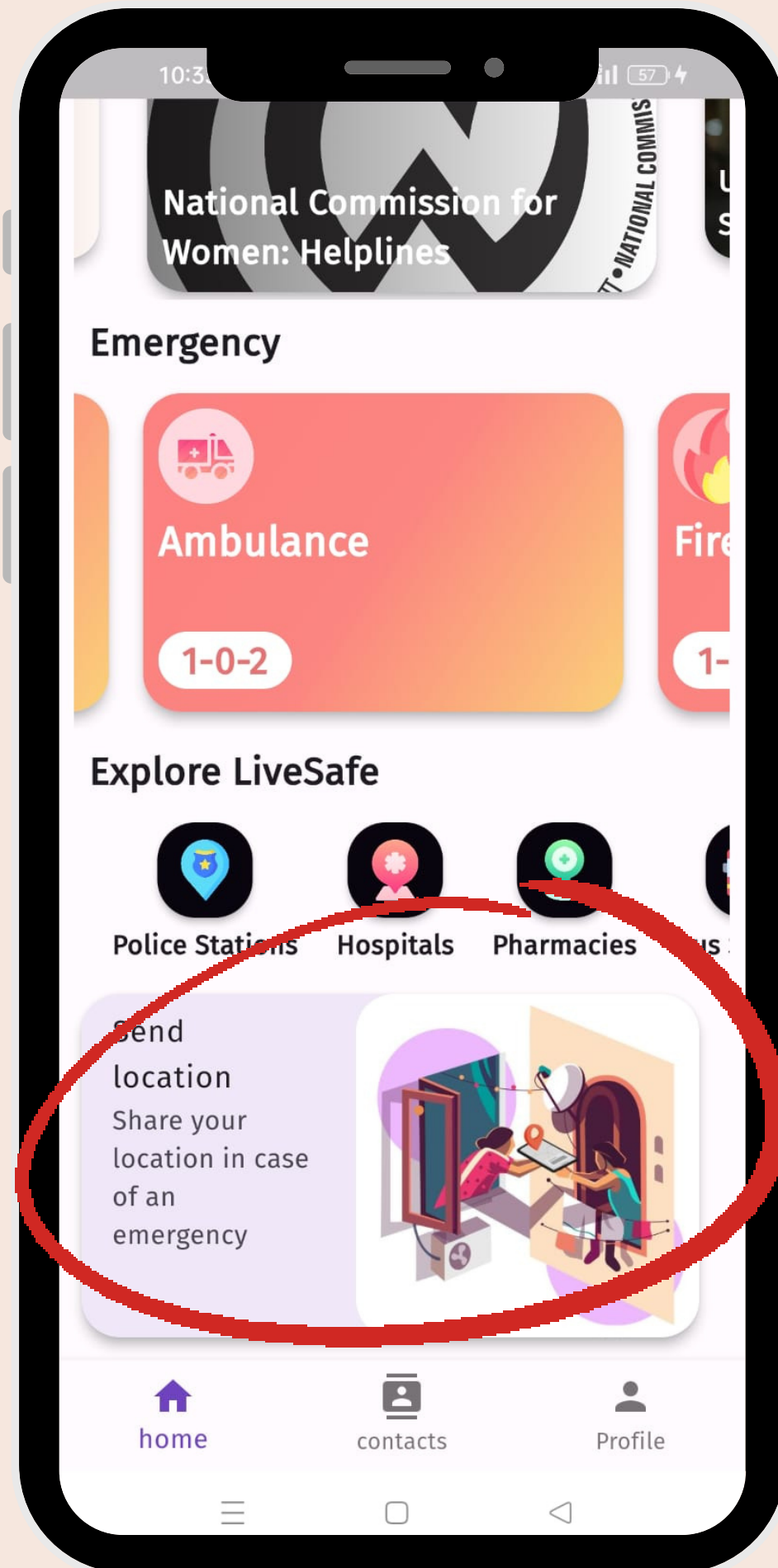












4 Goal #4

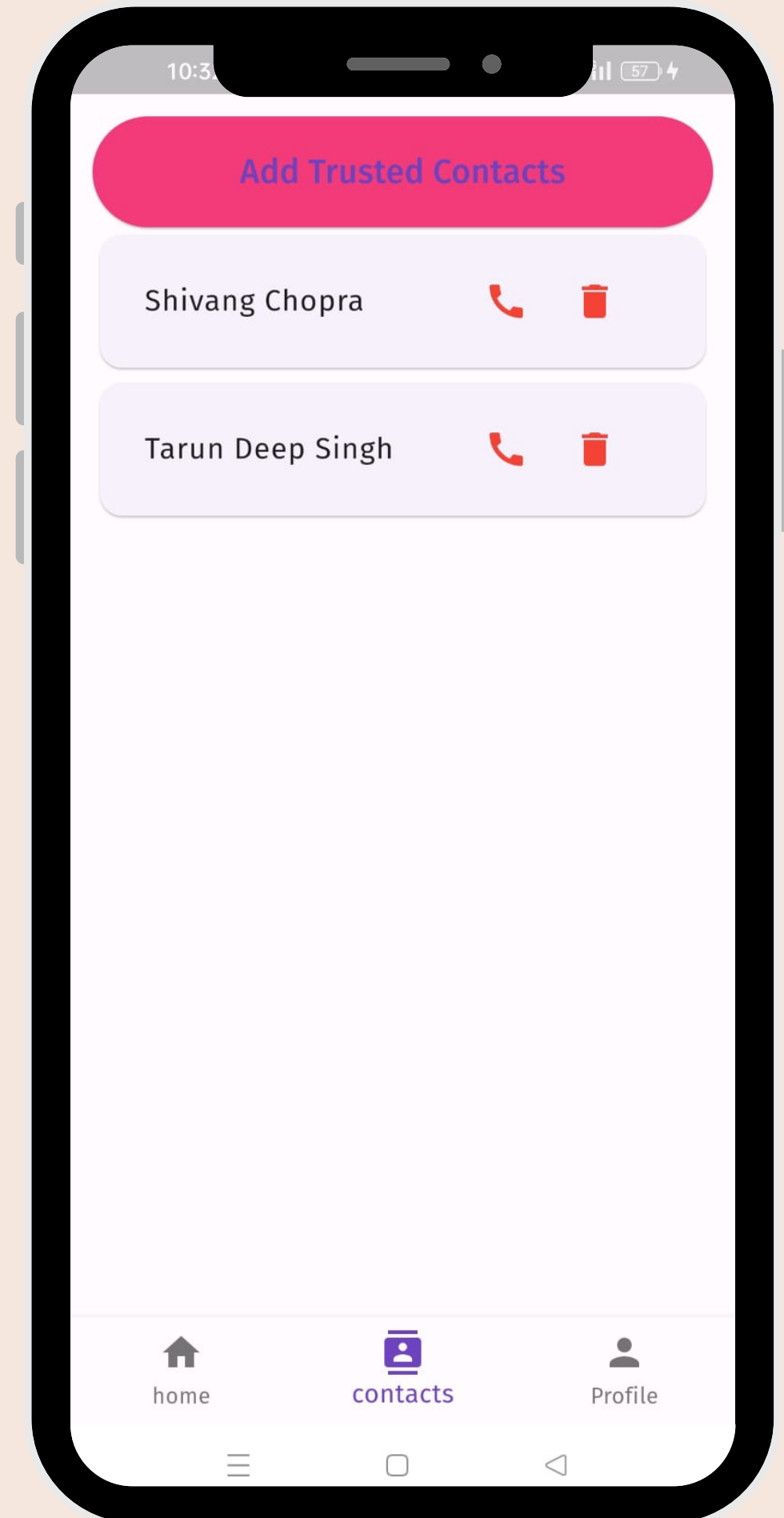
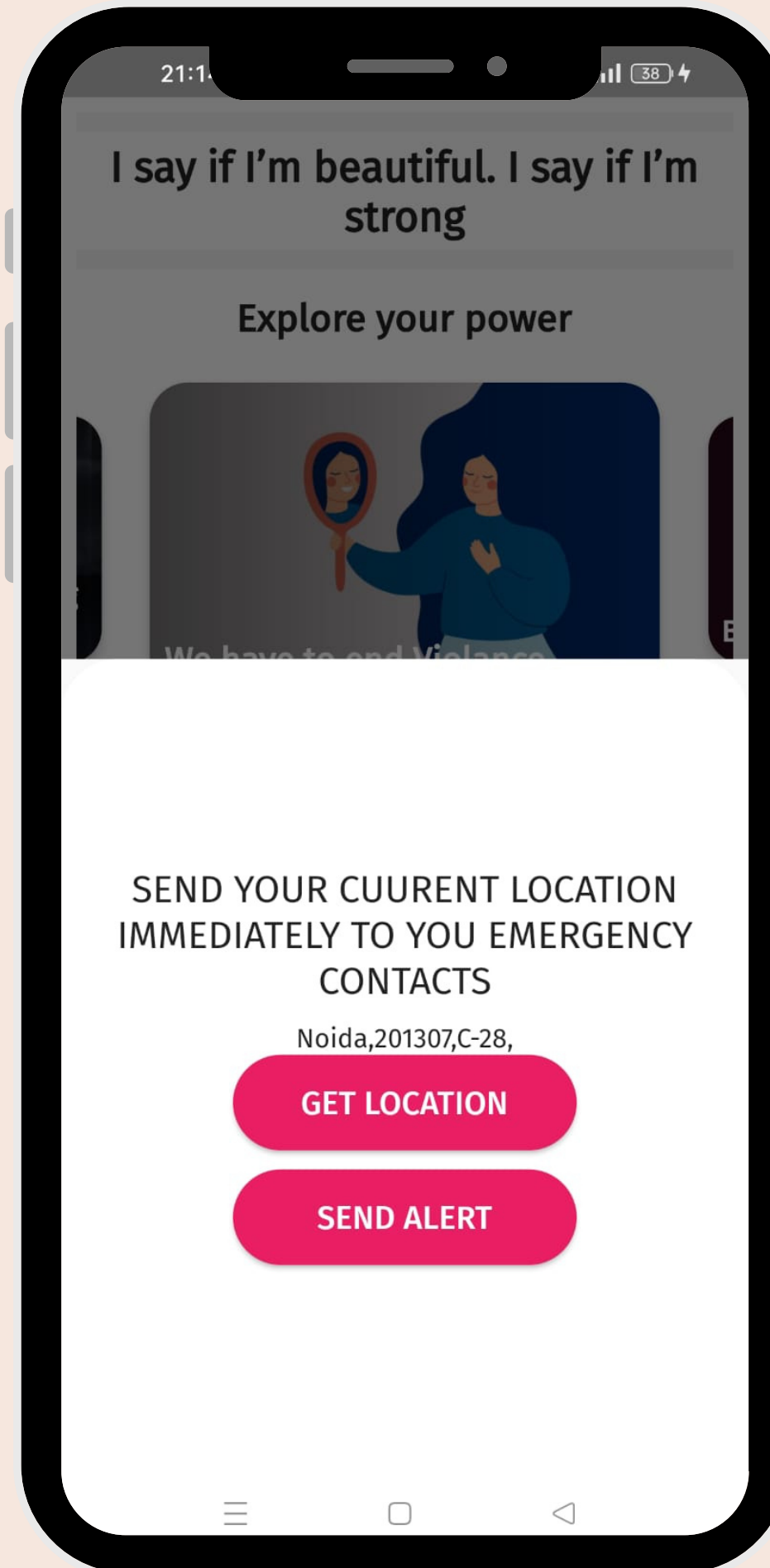
**Sending Location  
and Alert to your  
Gaurdian.**

**PACKAGE FOR GOOGLE MAP IS  
USED HERE.**

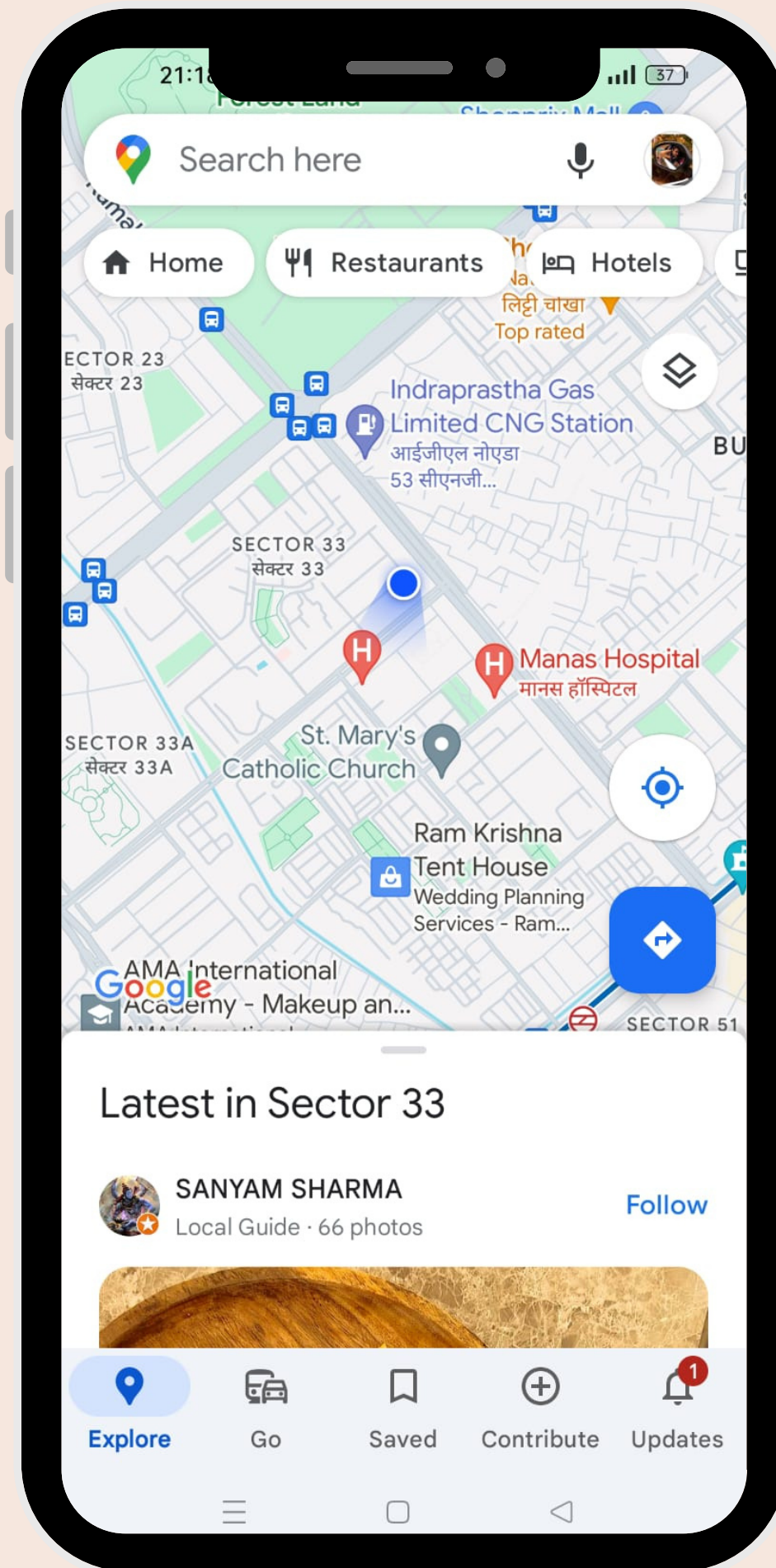
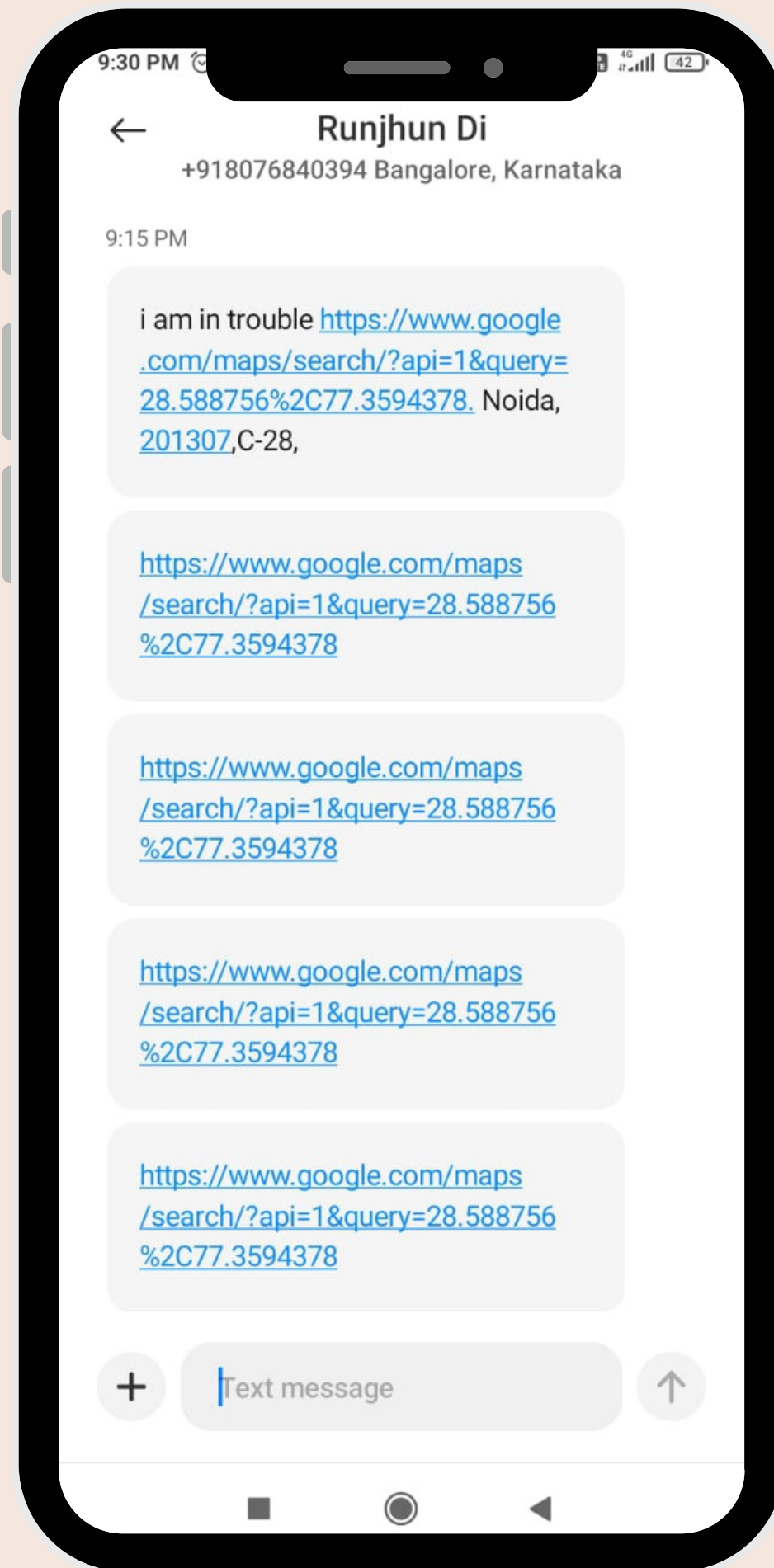
6 Goal #6

## Guardian Page and Trusted Contacts

ADDING OF  
TRUSTING CONTACTS







7 Goal #7

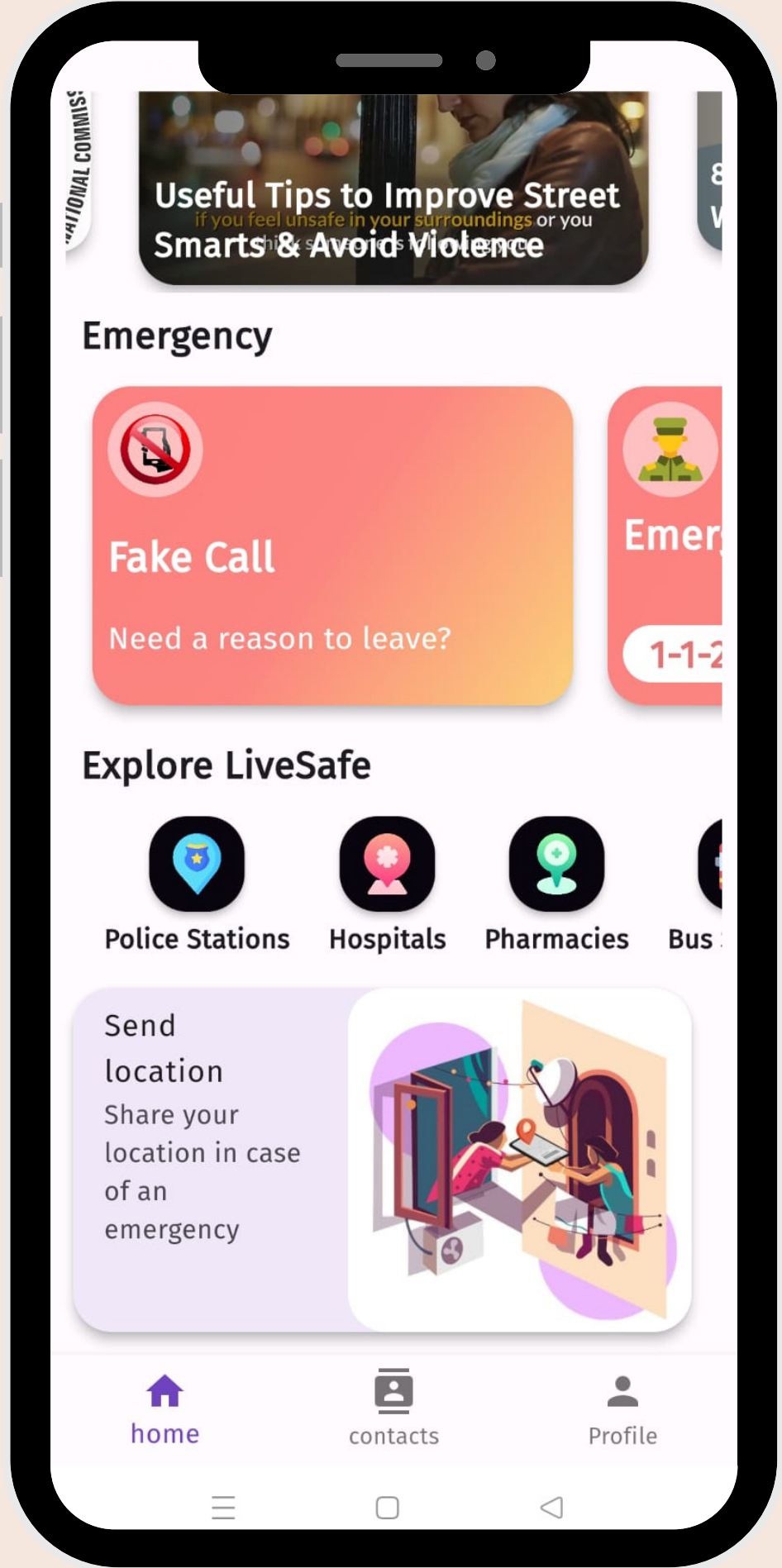
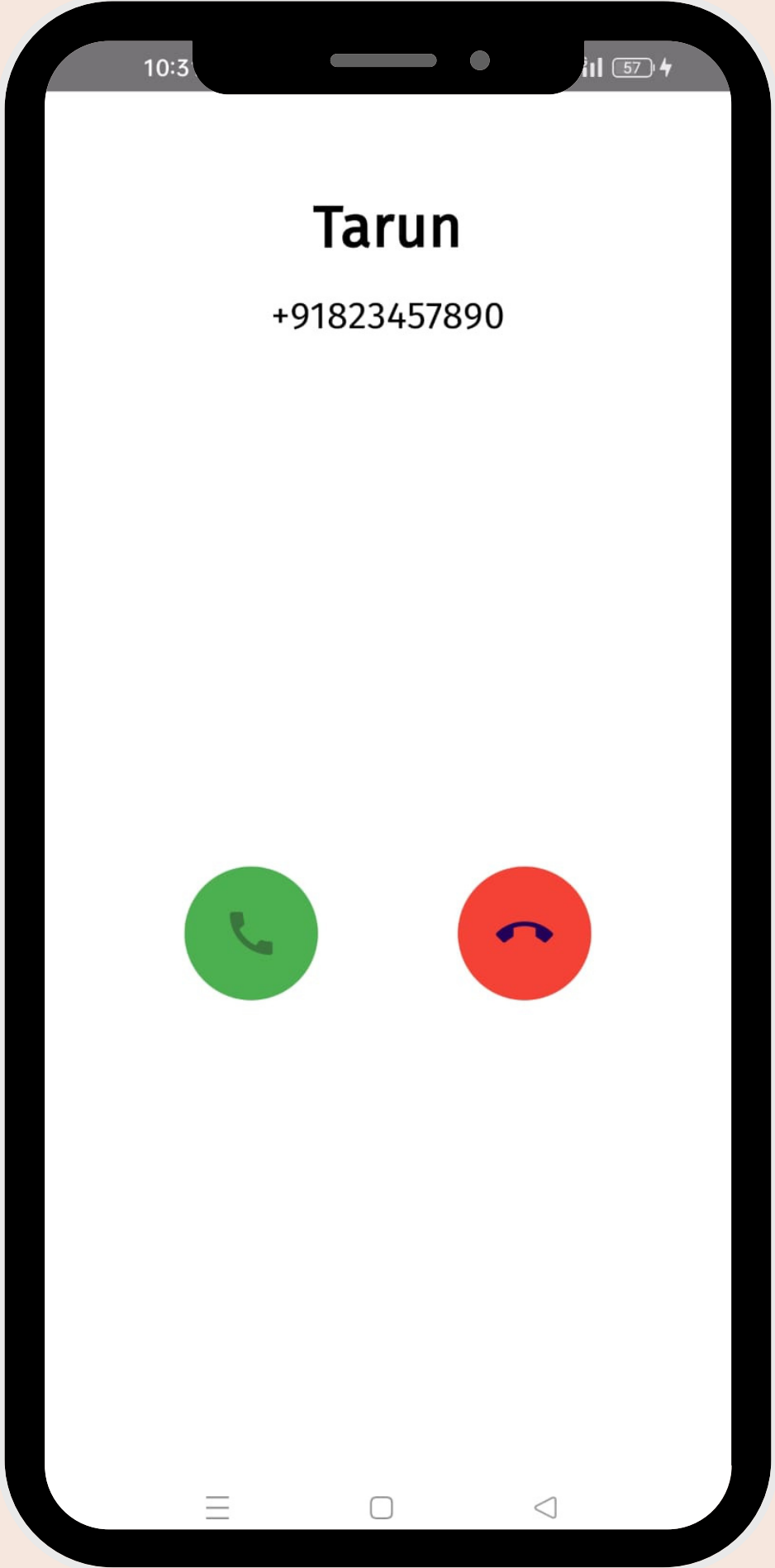
Guardian Receiving  
the Text along with  
location

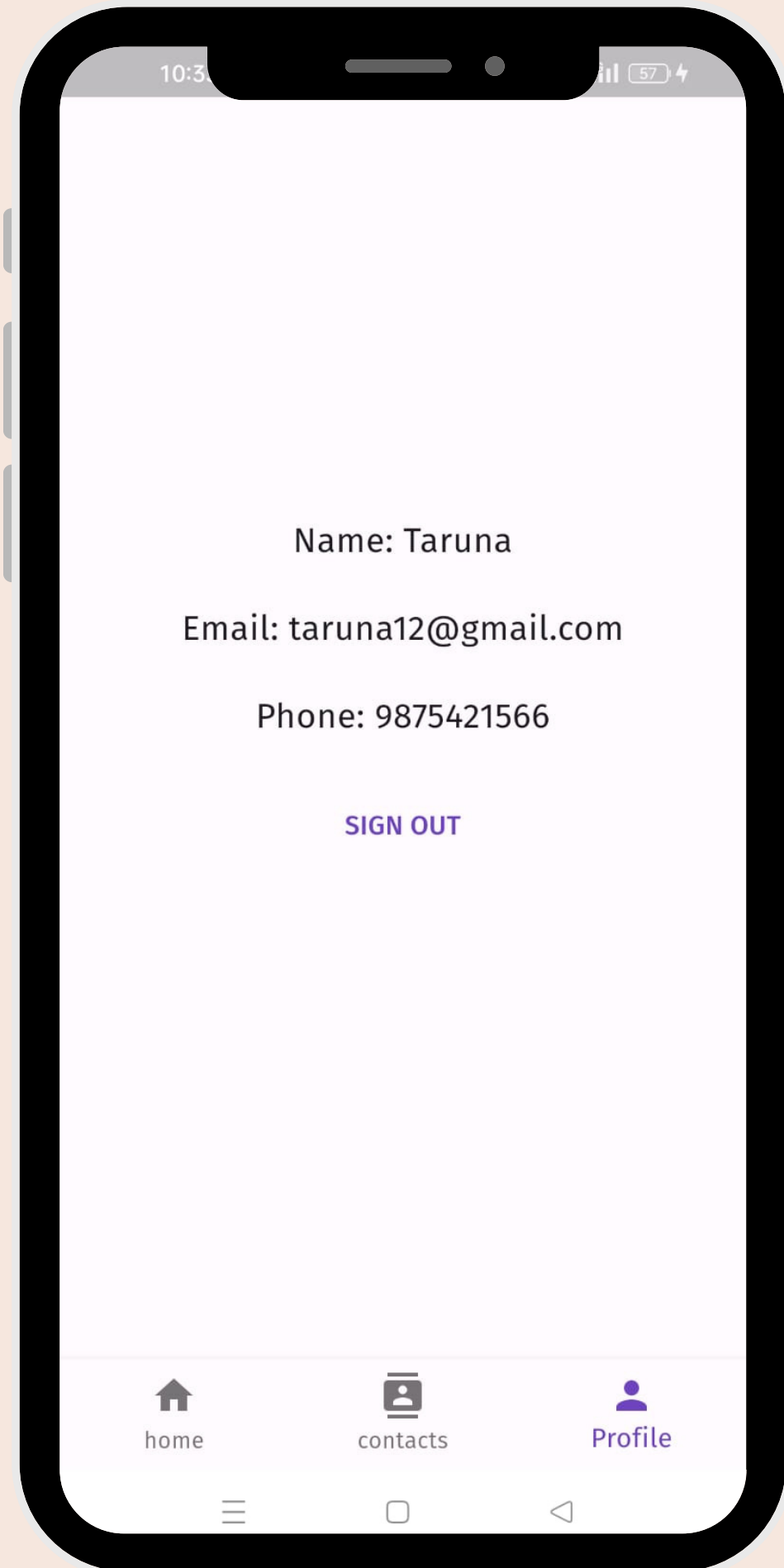
EMPOWER YOUR GUARDIANS  
BY SENDING THEM REAL-TIME  
LOCATION UPDATES WITH  
DISTRESS MESSAGES FOR  
ENHANCED SAFETY

8 Goal #8

# Fake Call Feature.

SIMULATE A CONVINCING  
FAKE CALL WITH AUTHENTIC  
RINGTONES FOR DISCREETLY  
EXITING UNCOMFORTABLE  
SITUATIONS



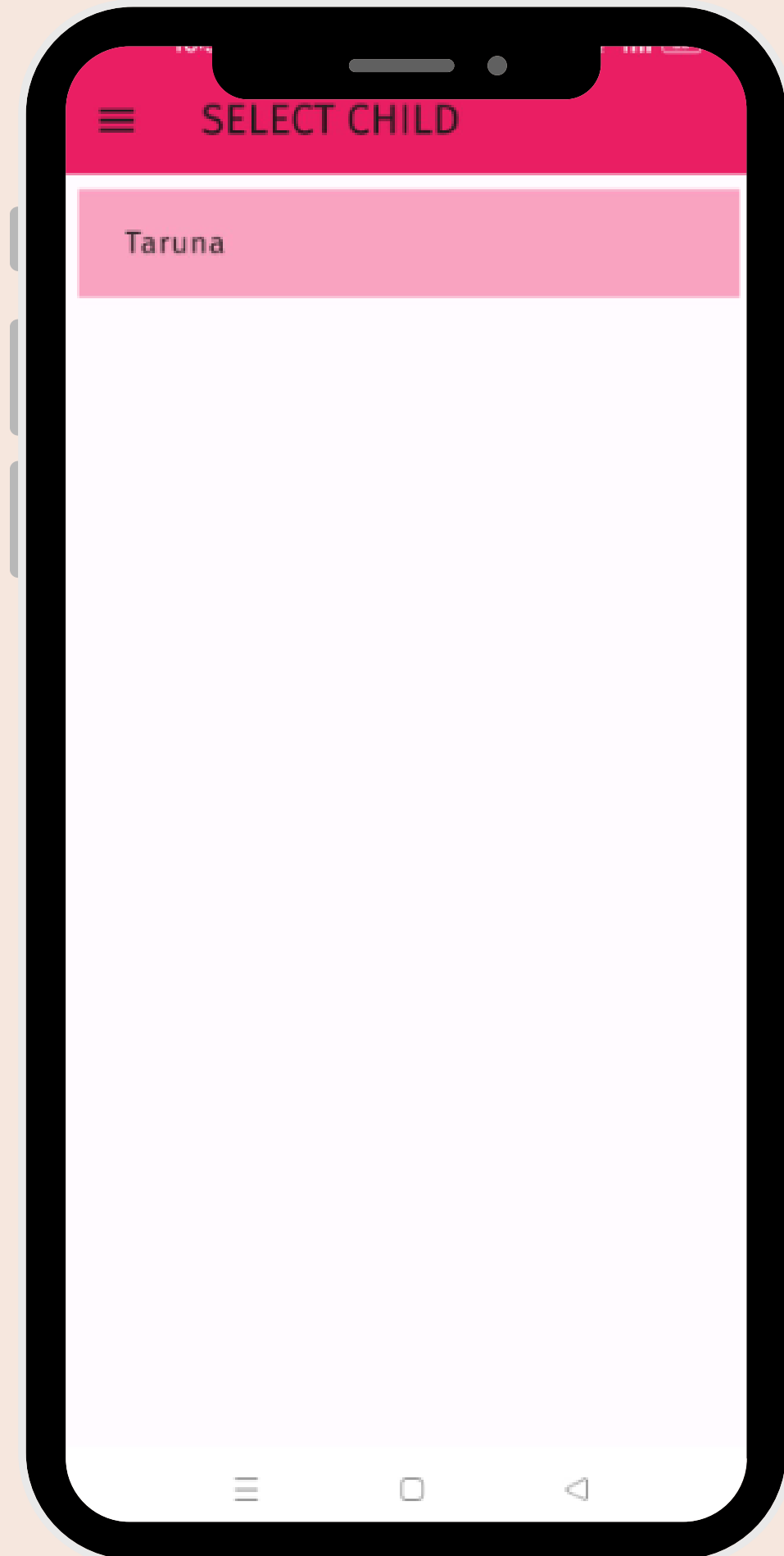


**9** Goal #9

## Profile Page

CUSTOMIZING PROFILE WITH  
PERSONAL DETAILS LIKE NAME,  
EMAIL, AND PHONE NUMBER  
FOR SEAMLESS ACCESSIBILITY  
AND CONNECTION



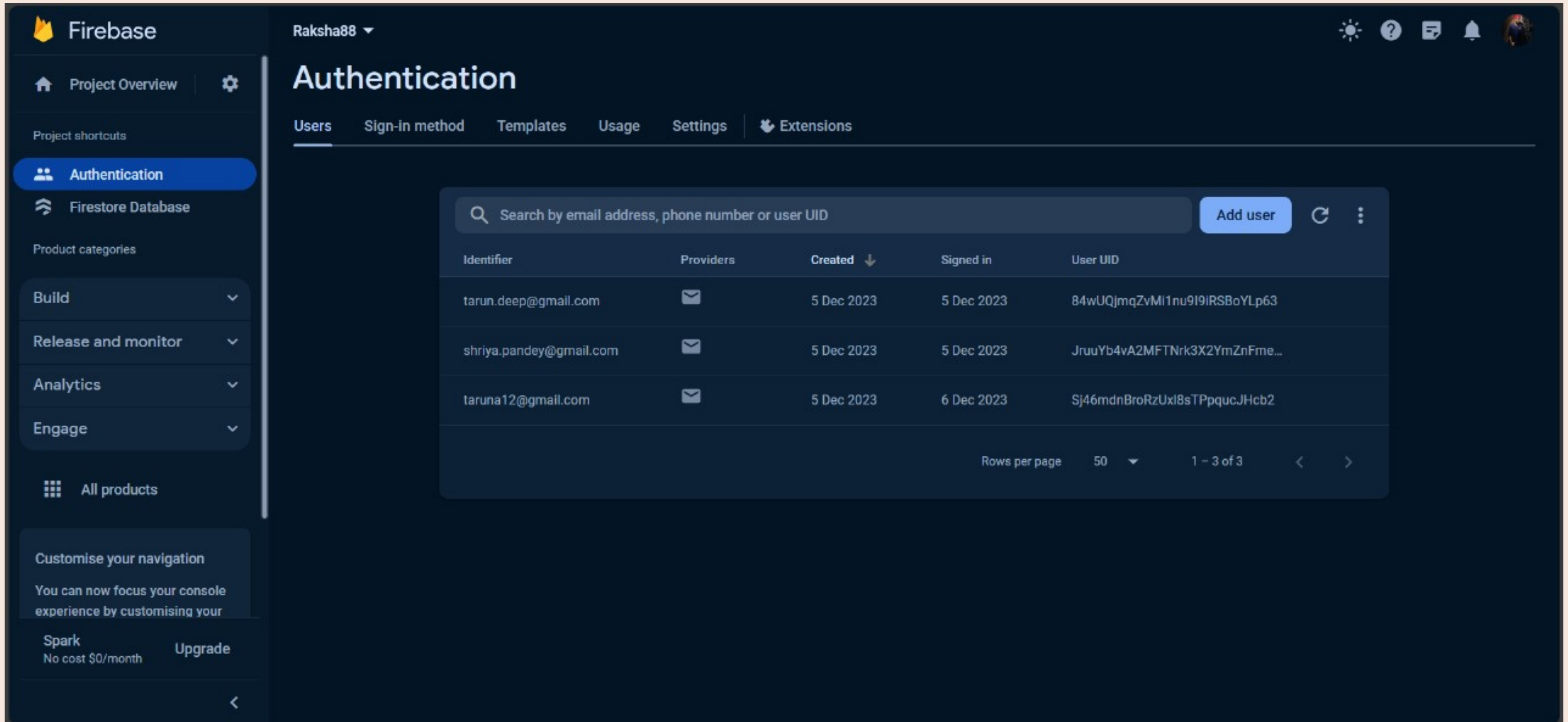


**10** Goal #10

## Guardian Page

GUARDIAN PAGE: SECURELY  
CONNECT WITH YOUR CHILD,  
ENSURING THEIR SAFETY IS  
JUST A TAP AWAY

# Database Structure using Firebase



The screenshot displays the Firebase Authentication console interface. The left sidebar contains navigation links for Project Overview, Authentication (selected), Firestore Database, and various product categories like Build, Release and monitor, Analytics, Engage, and All products. The main content area is titled 'Authentication' and includes tabs for Users, Sign-in method, Templates, Usage, Settings, and Extensions. The 'Users' tab is active, showing a table of users with columns for Identifier, Providers, Created, Signed in, and User UID. A search bar and an 'Add user' button are at the top of the table. The table lists three users, all created on December 5, 2023. The bottom of the console shows a 'Customise your navigation' section and a 'Spark' upgrade prompt.

**Authentication**

Users | Sign-in method | Templates | Usage | Settings | Extensions

Search by email address, phone number or user UID

Add user

Identifier	Providers	Created ↓	Signed in	User UID
tarun.deep@gmail.com	📧	5 Dec 2023	5 Dec 2023	84wUQjmqZvMi1nu9I9iRSBoYLP63
shriya.pandey@gmail.com	📧	5 Dec 2023	5 Dec 2023	JruuYb4vA2MFTNrK3X2YmZnFme...
taruna12@gmail.com	📧	5 Dec 2023	6 Dec 2023	Sj46mdnBroRzUxl8sTPpqucJHcb2

Rows per page 50 1 - 3 of 3

Customise your navigation

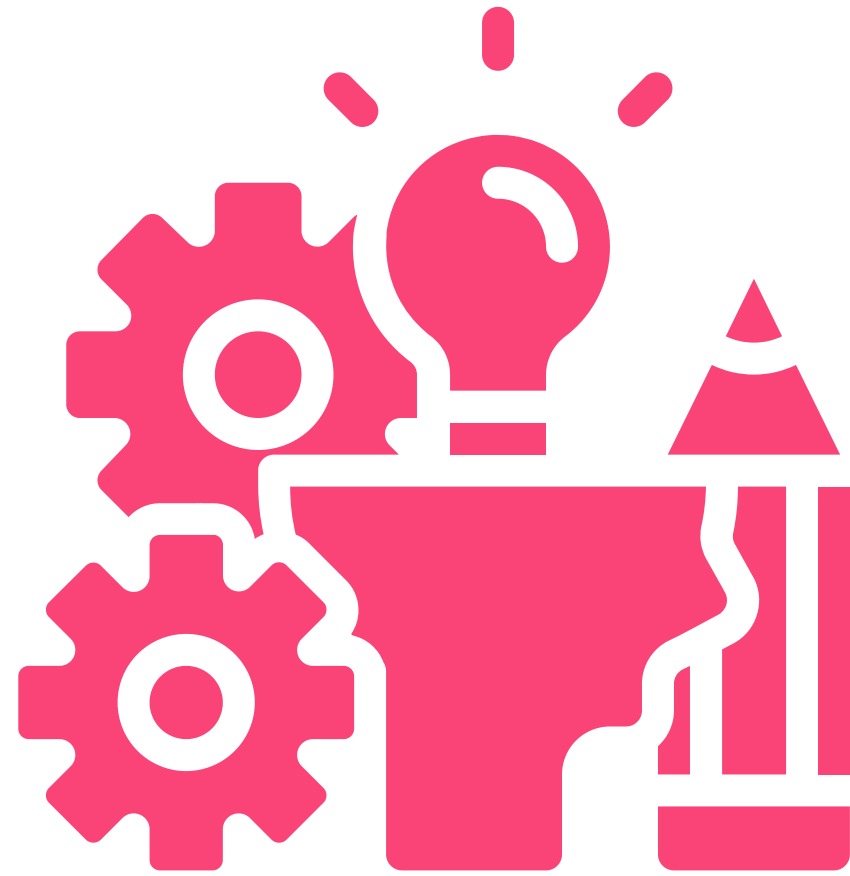
You can now focus your console experience by customising your

Spark No cost \$0/month Upgrade

Project Overview

Project shortcuts
Authentication
Firestore Database
Product categories
Build
Release and monitor
Analytics
Engage
All products
Customise your navigation
You can now focus your console experience by customising your
Spark
Upgrade
No cost \$0/month
users
More in Google Cloud
(default)
users
84wUQjmqZvMi1nu9I9iRSBoYLP63
+ Start collection
+ Add document
+ Start collection
users
84wUQjmqZvMi1nu9I9iRSBoYLP63
JruuYb4vA2MFTNrk3X2YmZnFmeu1
Sj46mdnBroRzUx18sTPpqucJHcb2
+ Add field
email: "tarun.deep@gmail.com"
name: "tarundeeep"
phone: "9876543210"
Database location: nam5





# FUTURE DEVELOPMENT

- AI integration to fortify safety measures, employing algorithms for threat anticipation and adaptive responses.
- Predictive insights via AI to preemptively address risks, enhancing user security and proactive support.
- Direct, real-time links established with emergency services for swift and precise assistance during critical situations.
- Seamless connectivity channels distress signals directly to authorities, ensuring rapid aid deployment in emergencies.



## REFERENCES

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# Thank you!

Students of IT-2