P8: Annotated Wireframes

Audrey Sun, Koyo Nakamura, Han Mei, Varun Chawla

Annotated Wireframes

Watchful Walking

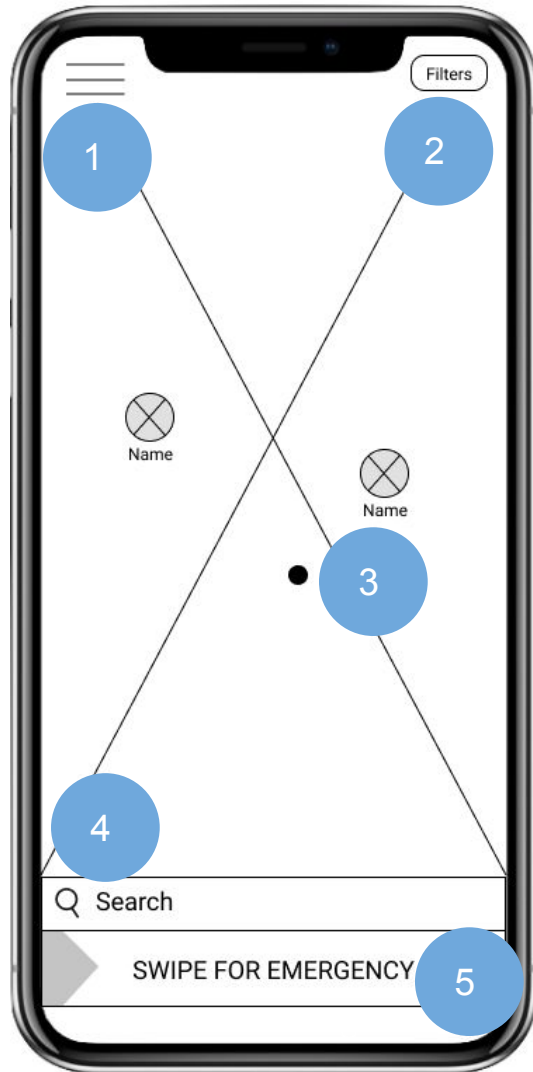**Audrey Sun, Koyo Nakamura, Han Mei, Varun Chawla**

Setup: Create Account

1 When the user first opens the app, they're prompted to enter their name and phone number to register an account.

2 If the user accepts the terms and conditions, the user can press "Accept and Login" to begin using the app.

CREATE ACCOUNT

Name

Phone Number

Terms and Conditions

Accept and Login

Home Screen

1 Tapping on the hamburger menu will open it up, revealing more options.

2 The Filters button will reveal a checklist of options to hide/reveal on the map.
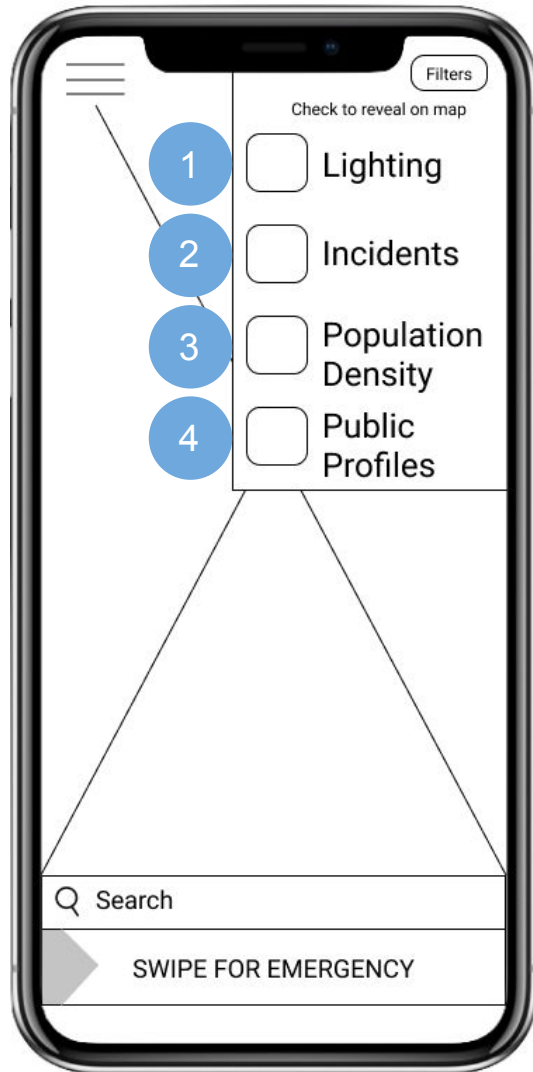
3 The black dot represents the user's location and the grey circle(s) represents the user's friends' locations

4 The search bar can be used by the user to plan a route to a specific destination.

5 In the case of an emergency, the user can swipe from left to right to call 911.

Home Screen: Filters

1 — "Lighting" reveals the amount of lighting on road stretches on the map.

2 — "Incidents" places pins at locations where there has been a recent crime report.

3 — "Population Density" bolds the lines corresponding to streets that have more people on them.

**4** — "Public Profiles" displays the location of users who set their profile privacy setting to public.

Filters

Check to reveal on map

- Lighting
- Incidents
- Population Density
- Public Profiles

Q Search

SWIPE FOR EMERGENCY
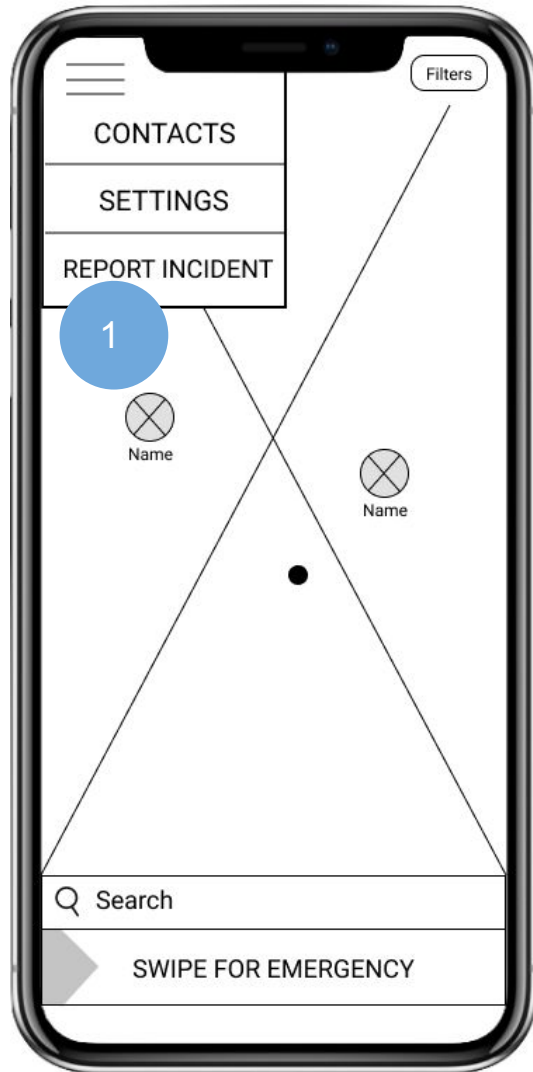
Home Screen: Menu

1 Tapping on the hamburger menu reveals three buttons: "Contacts," "Settings," and "Report Incident."

Home Screen: Friend Details

1 When a user clicks on a friend's profile, a pop-up comes up with their name and distance from the user, as well as options to call or text them.
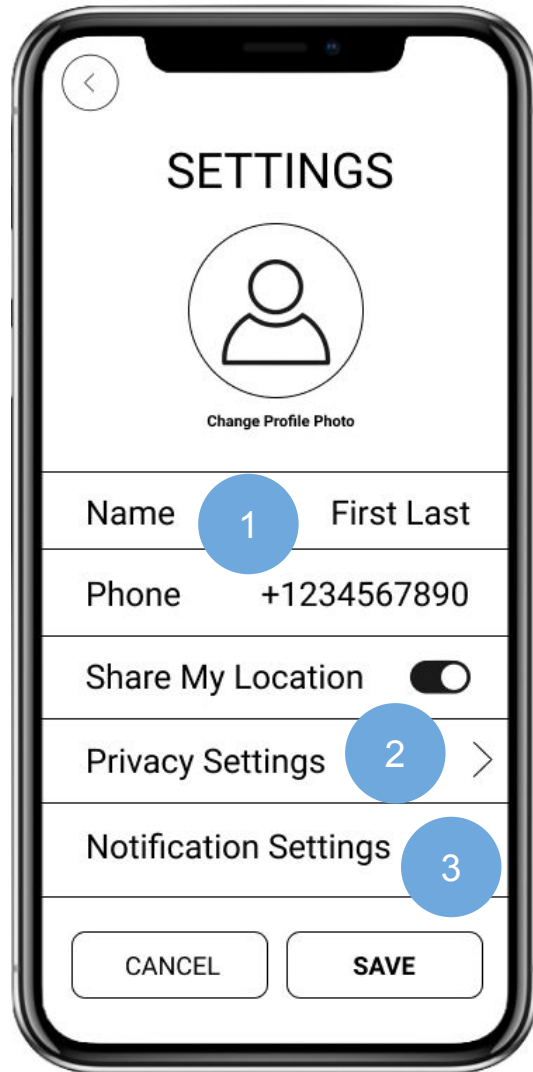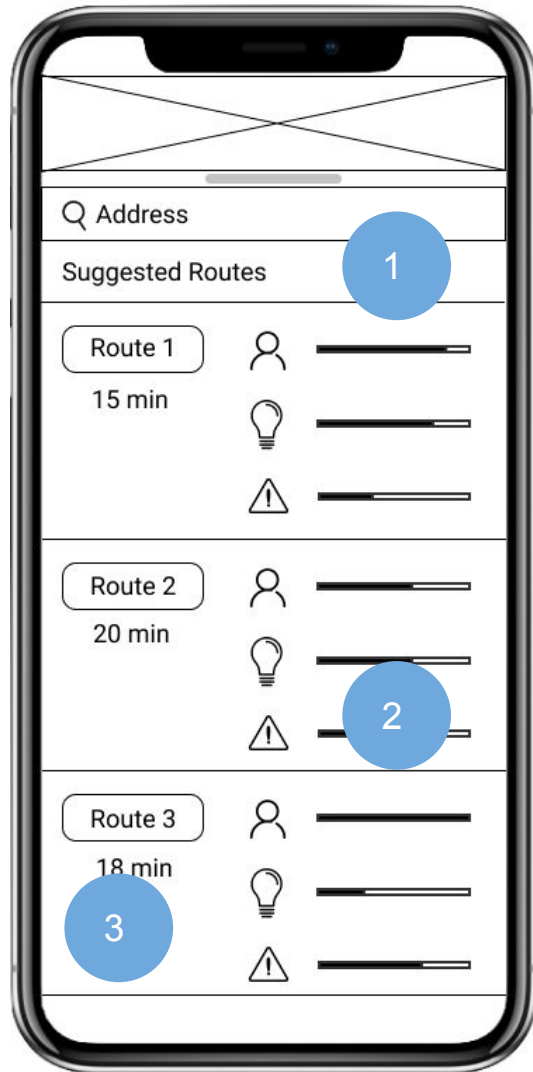
Menu: Settings

1. The user can change their display name and phone number by typing in the sections "Name" and "Phone."

2. "Privacy Settings" allow the user to choose whether to set their profile as public or private.

3. Notification settings allow the user to toggle notifications for pending friend requests and new crime alerts.

Navigation: Suggested Routes

1 If a user types in an address, they will be presented with multiple routes generated by the system.

2 Suggested routes display information about the amount of people, amount of lighting, and history of crimes along the route. The user can click on the icons to get more details on what they mean.

3 Suggested routes are sorted by trip duration.
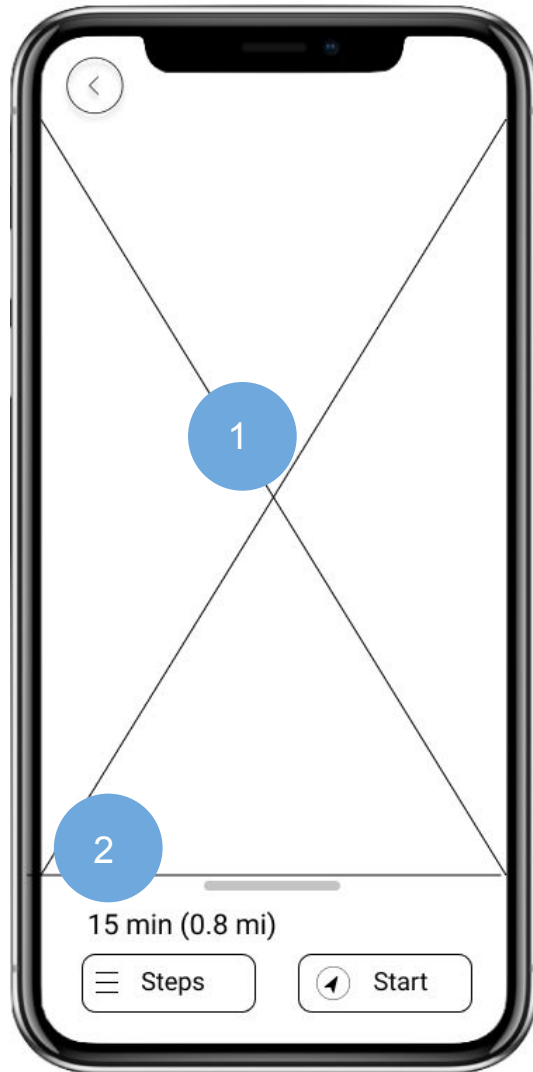
Navigation: Route Preview

1   The map highlights the user's selected route.

2   The user can preview the steps in the route (e.g. streets to turn at).

15 min (0.8 mi)

☰ Steps   ◁ Start
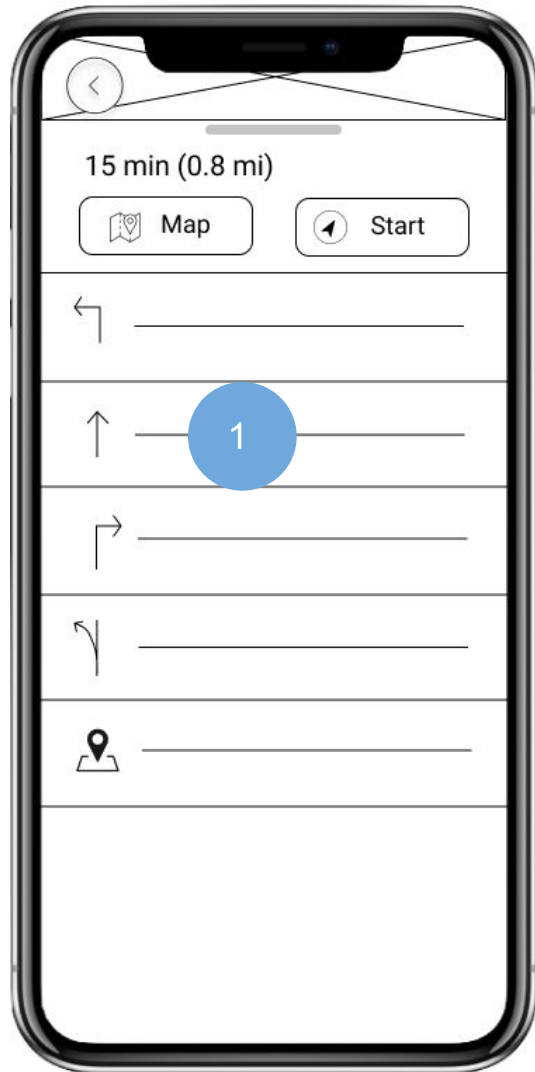
Route Preview: Preview Steps

1 A list of route steps is displayed. If the route has many steps, the list will be scrollable.
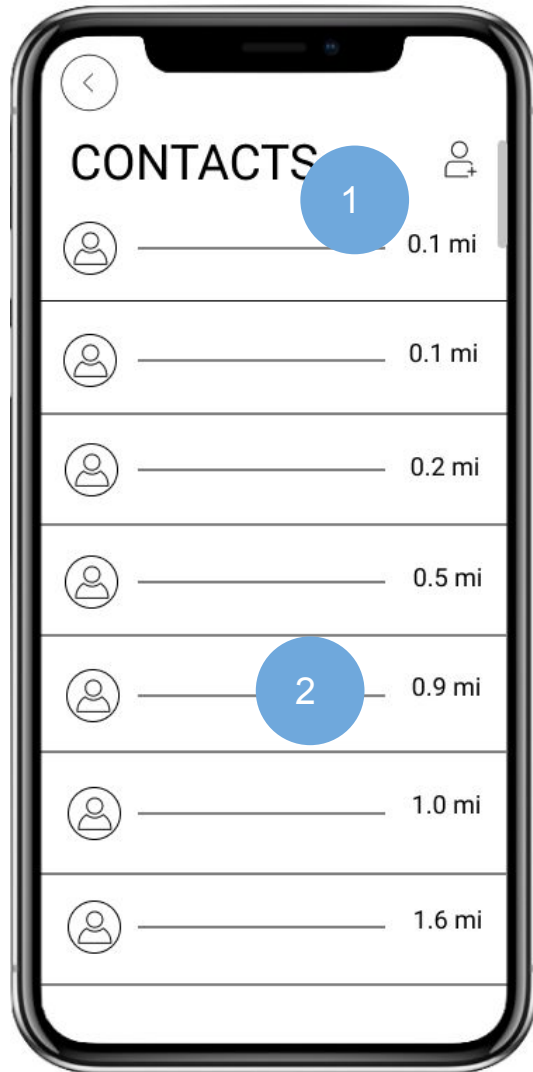
Menu: Contacts

CONTACTS

1 Users can add a new friend from this screen by selecting the add friend button.

2 Friends are sorted by distance from the user.
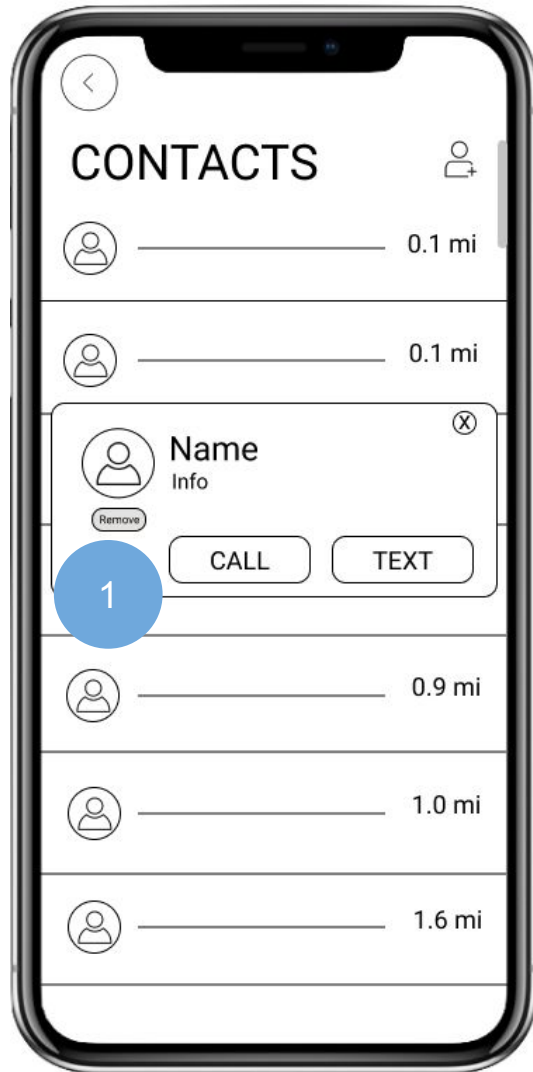
Contacts: Remove Friend

1 The user can remove a friend by clicking on the desired user and tapping the remove button under the profile picture.

Search For a User

1 The user can search for a user by their name or phone number.
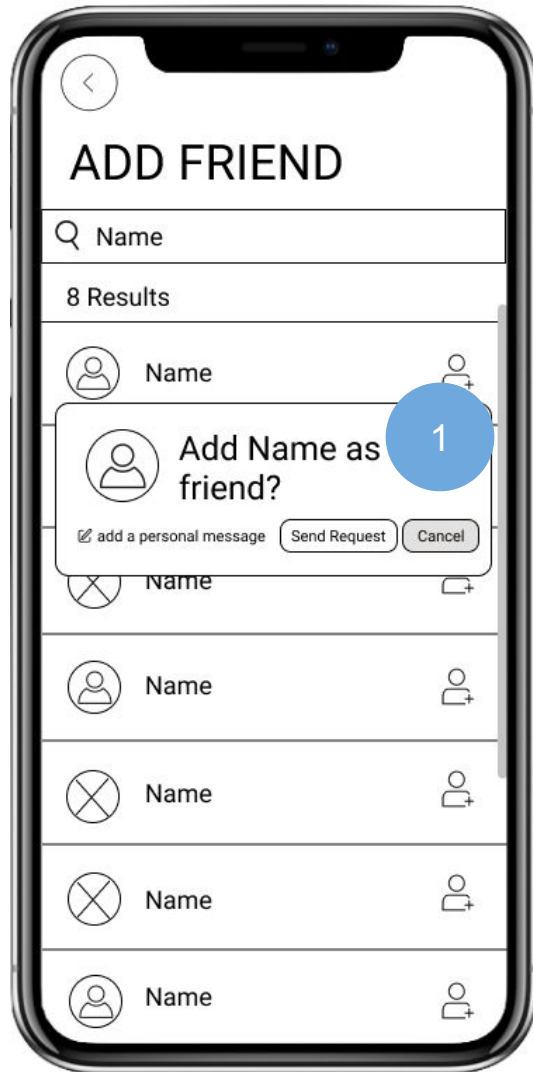
Add Friend by Name

(1) The user can send a friend request to their friend by clicking on the add friend button on the right of each contact. They can choose to add a personal message with their friend request if desired.
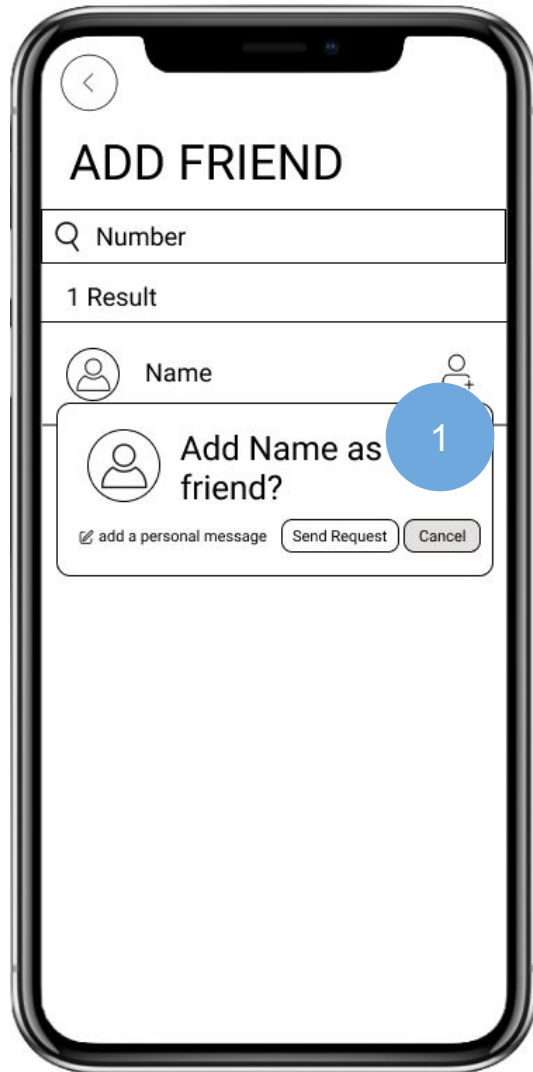
Add Friend by Phone Number

1 The user can send a friend request to their friend by clicking on the add friend button. They can choose to add a personal message with their friend request.

Menu: Report Incident

1 Users can report an incident, crime, or severe emergency to let users know to avoid an area and to help improve route-making. The user can input information including the time of the incident, a summary of the incident, and the location of the incident.

REPORT INCIDENT

Time of Incident

XX:XX

Location

Current Location

Summary of Incident

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor asdfjk isdafs weh rijaw adsf iwnjwe

1

Submit

Key Path Scenario: Planning a Route
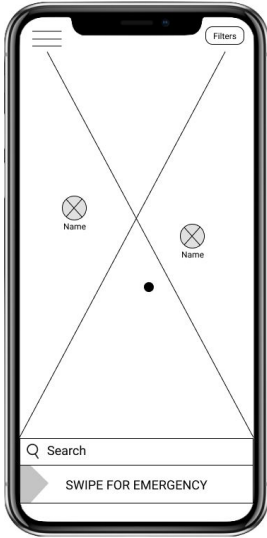
Search for a destination in the search bar
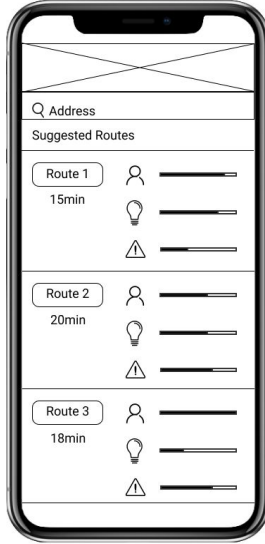
Select a route from the list of suggestions
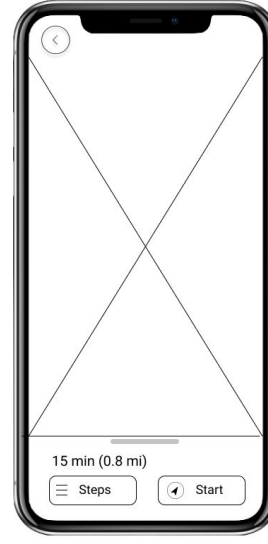
Review the selected route
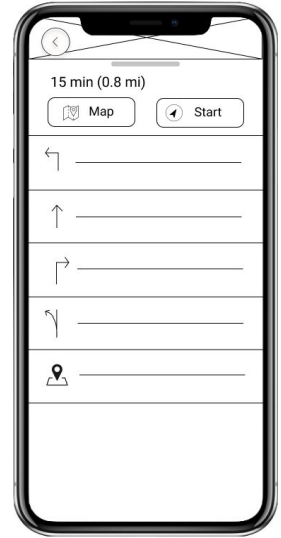
Review steps of Selected Route

Creating an Account and Updating Profile Settings
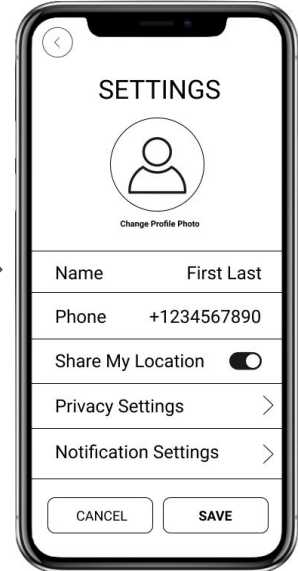
Enter name and
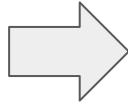phone number
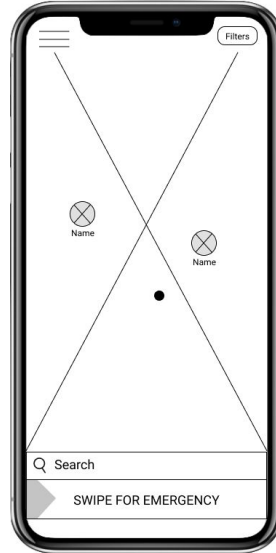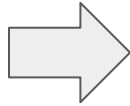
Home Screen
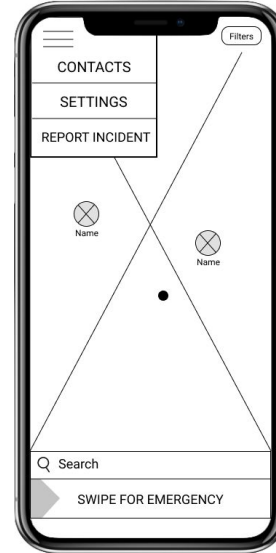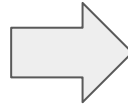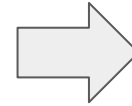
Open menu

View settings and
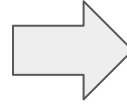update if desired

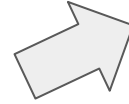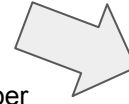# Adding a Friend Using Name or Number
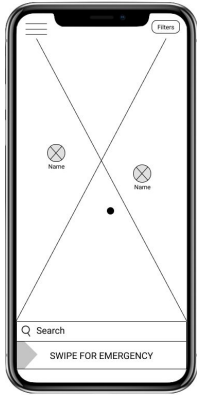
Home Screen
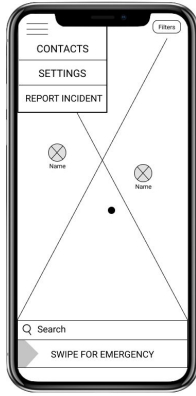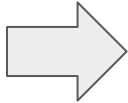
Open menu

Click the add friend button to search your friend by name or number

Type a name or number in the search bar
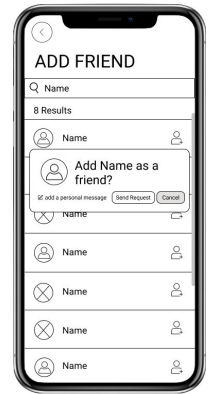
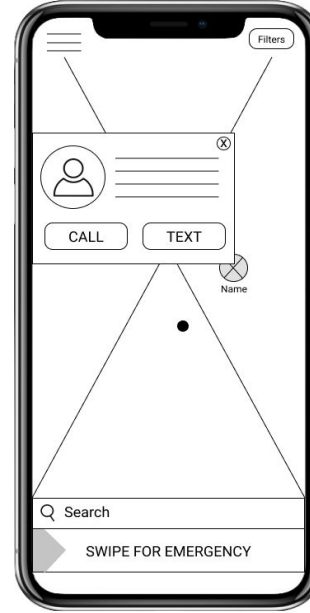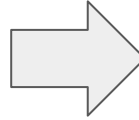Send a friend request to the user searching by name

Send a friend request to the user searching by number
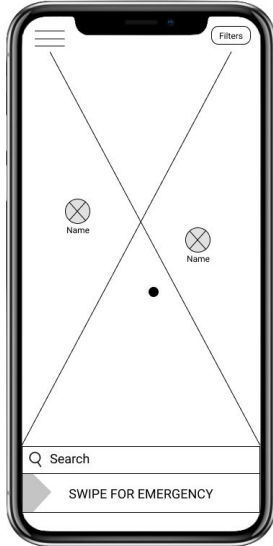
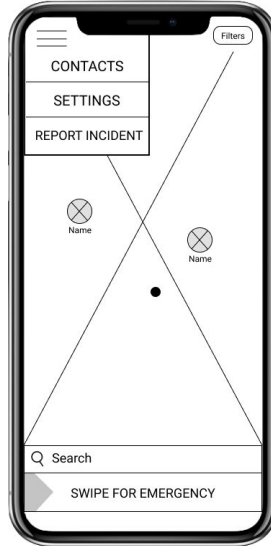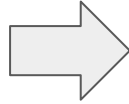# Finding Friend Details
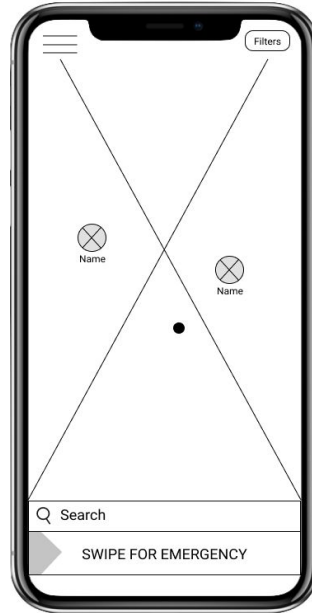
Select a friend dot
on the map

View a pop-up with
the user's name and
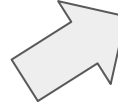options to call or text
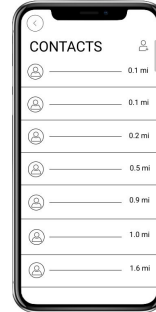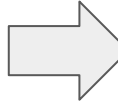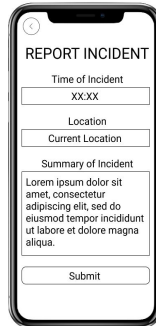them

Menu Options

Home Screen

Select one of the three menu options
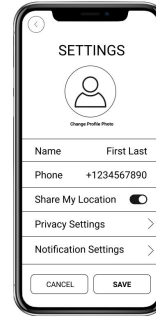
Change various settings on the device

Review list of friends, sorted by distance from the user

Report an incident (e.g. robbery, car accident)