

Lab Task 1

INFO8250-19F-Sec1-Mobile

Application Design

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UI design for mobile phone-based Emergency Survival Application

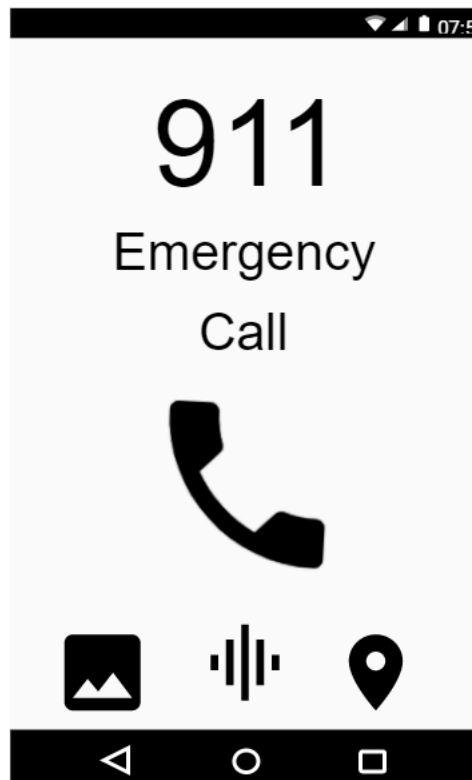
We have developed a high-fidelity wireframe for Emergency 911 calling application.

The wireframe is created using <https://moqups.com/>

The application provides below features for rescue in an emergency situation such as-

- One click Call to 911.
- Add a third-party contact from the contact list to the call.
- Record a voice note and store it to a cloud server.
- Make a video call for emergency.
- Upload a photo from device or click a new photo with camera and upload it to the server.
- Share the current location with the compass orientation for help.

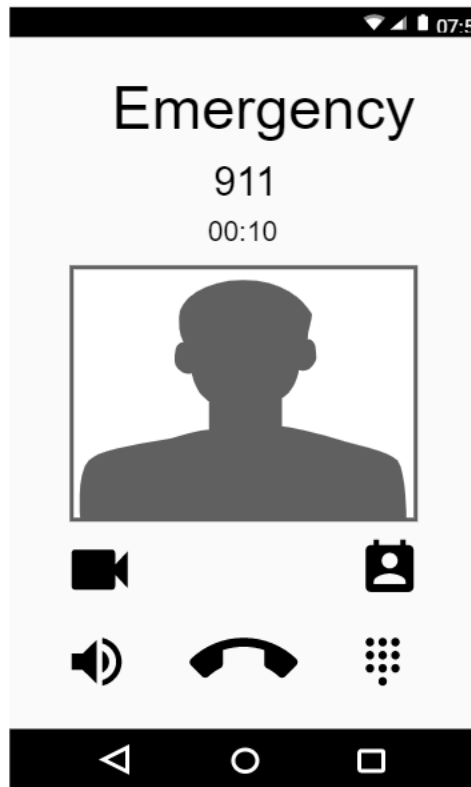
The screenshots of the UI mock-ups has been attached in the document below that demonstrates how the actual UI of the application will look like.



Home Screen

This is the Home Screen of the application. The user can press the Call button at the center of the screen anytime to immediately place a one click call to 9-1-1.

Besides the call button, there are three key features to upload a picture to the server, record a voice note, or the share the current location. These features can be accessed with the buttons at the bottom of the screen indicated with appropriate icons.

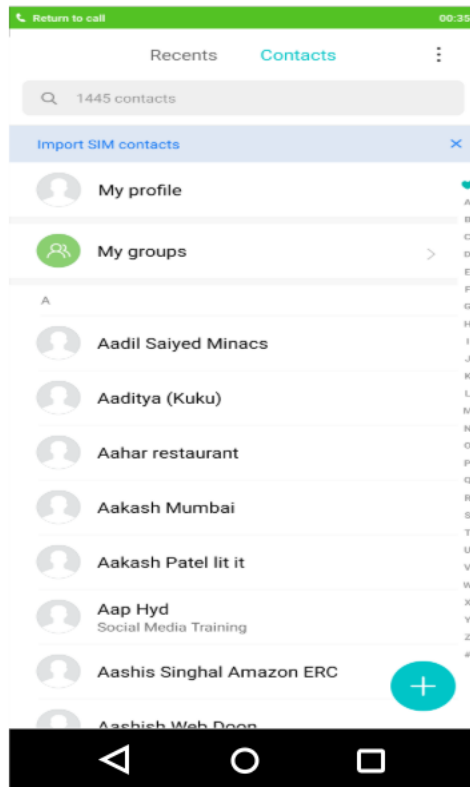


In Call

This is the In-Call screen. While the call is connected to the emergency services, the user can establish a video call by pressing the request a video call button on the top left corner of the screen below the avatar.

The user also has the functionality of the adding a third party in the connected call by pressing the Contact button on the righthand corner of the screen next to the Video call button.

When the user clicks on the add a Third-Party Contact button, the user is asked to select a contact from the contact list saved on the device or manually enter a number with the dial pad.

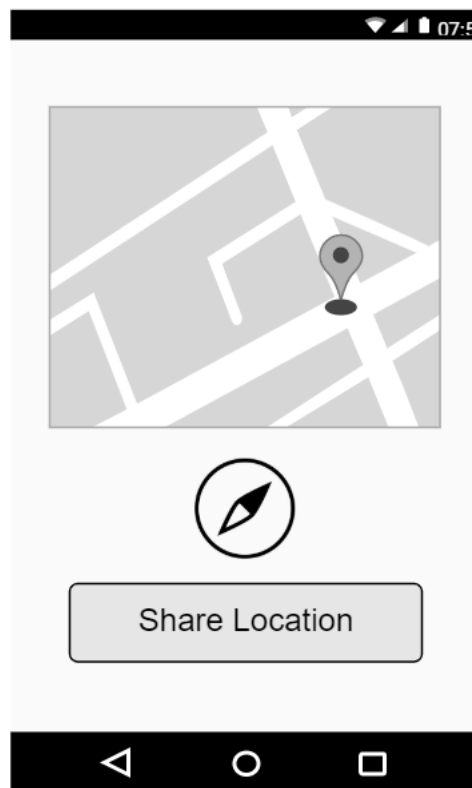


Contact List

The user can click the Share location button on the Home Screen to instantly share their location.

Pressing the share location button takes the user to the below screen. The user can press the Compass button to communicate the compass orientation along with sharing the location.

Location will be shared by pressing the share location button on the screen.



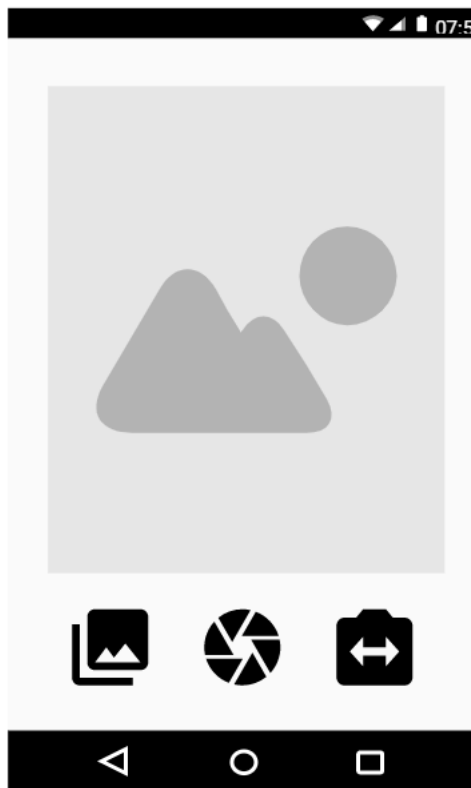
Share Location

The user can share a picture with the emergency services by uploading it to their cloud servers.

User clicks on the share picture button on the home screen to navigate to the below screen.

The user has the option to capture a new picture with the camera, or to the flip the camera to record using front camera and click a picture.

The user can also choose to select an existing photo on the device instead.



Select Photo

The preview of the captured image or the selected image from the device is displayed in the image view area of the screen.

The user can upload this image to the server by pressing the share photo button on the screen.



Upload Photo