TITLE: Rescuer: Your Personal Safety App

ABSTRACT:

Keeping ourselves safe has become the need of the day today, especially for women.

This app will help us in the process, dedicated to women and men's safety.

There's an option in every android mobile as a safety measurement. By quickly pressing the power key button 3 times, you are able to send a quick alert to your emergency contacts. Not only that, but you are also able to attach a 5 second audio recording and pictures from both the front and rear cameras.

This app is an advanced and practical addition to that.

Main features:

1. Safe Word

If we really fall into a situation where we need help, we might not have the time to grab our phone from bag or pocket. In that case, it's impossible to use android's safety measure. So here comes the use of the safe word. We'll instruct the user to choose a word that must be a rare synonym of a common word so that the attacker doesn't get suspicious (Suspicion might result in throwing the phone) and Don't cause any false alarm.

Example- Abet, Mercy

Upon successful voice and word recognition, if we say or scream that word, our current location with "Help I'm in danger" text will be sent to 3-5 emergency contacts and a call will

be sent to the primary emergency contact so that the nominated contact can monitor the situation and arrange help

2. Shake the Phone

Upon multiple shaking of the phone, messages with location will be sent to the Emergency Contacts and a call will be sent to the Primary Emergency Contact

3. Map Access & Permanent Notification

Users can access a map with red, yellow, green labels.

Red- Crime and Accident Rate here is high

      Permanent Notification: "Watch Out! You're in a dangerous place"

Yellow- Relatively Safe place

      Permanent Notification: "Watch Around"

Green- Crime and Accident Rate here is shallow

      Permanent Notification: "You are safe"

4. Safe Points

User can see nearby Police Headquarters and access the Contact Number on the map.

Other Future Scopes:

1. Car Crash Alert

With this feature, a car crash can be detected and after the detection necessary information will be sent to the emergency contact

2. Intruder Selfie

If someone tries to unlock your phone 5 times, it will click the intruder's selfie and send it to your registered email address.

Output:

Register and Login Page:

Login with Email and Password

Or Register with Email, Mobile No, Verify, Then Set Password

Emergency Contact:

Set 5 Emergency Contacts.

Click one of them to make it the Primary Emergency Contact

Feature Page:

Details about a feature upon clicking from the Features List.

Give the required Access. Set Voice with Desired Word.

Mobile App Development Project By-

Supria Basak

CSE-B

106118116