CSCI 150 PROJECT PROPOSAL

Thuy Tran - Fall 2022

INTRODUCTION

- When you feel unsafe while being outside, your first instinct is to text or call someone that you trust.

- However, what if you are in a more dangerous situation such as being stalked or being followed, and the person that you are going to text or call is unavailable and you have very little to no time to text or call other people?

PROJECT IDEA

- An Android app that sends texts and your current location to multiple people that are on your trusted list when the you are in danger or feeling unsafe.

- The task can be performed by pressing a button on the app, or by pressing a certain button on your phone 3 or 4 times.

PARTS FOR DEVELOPMENT

- Android App

- Server-side scripting (backend)

- Database design and development

- Client-side scripting (frontend)

THE APPLICATION

- Interfaces with device text message application

- Takes GPS coordinates at the time when the text message or location

  is being send

- Interface with Google Maps

LANGUAGES/TOOLS

- C++ or Java for the app
- PHP/MySQL for server-side scripting and database management
- HTML/CSS for client-side scripting
- Open to suggestions during development

TEAM NEEDED

We are looking for the following team players:

- Java/C++ Programmers

- Backend Developer

- Someone that has knowledge about databases

- Product Manager

- UX Designer

POSSIBLE ADDITIONAL FEATURES

- The app can act like a social media, but in a much smaller scale. For example, if you are about to go out, you can post on the app the location that you are heading to so that the people in your trusted list can see it

- Live GPS sharing

- Expand to IOS

- Anything else the group decides on during development

THANK YOU!