Registration Form

TEAM INFORMATION

Team Name/Project Title: Emergency Safety Proximity

Department: Computer Science

Faculty Advisor(s): Debra Parcheta

Team Members: Justin Shapiro, Sean Meyer (sean.meyer@ucdenver.edu)

• Jacob Graves (jacob.graves@ucdenver.edu)

PROJECT INFORMATION

Description:
Safety is our priority. Our mobile applications display nearby emergency safety-zones and sends alerts to emergency contacts when a user enters a safety-zone.

Abstract:
Safety is our priority at Emergency Safety Proximity. We are a 24/7 emergency web service and mobile application for iOS and Android that displays nearby safety-zones (hospitals, police stations, and fire stations) on a mobile map. If the user enters one of these safety-zones, their chosen emergency contacts are alerted with a text message that contains the user’s location along with contact information for the facility that they have entered. When a user creates an account with us, they can take full advantage of our service by adding custom emergency locations (such as a friend or relative’s house or office). In scenarios where the user is employed at a safety-zone or would like to disable alerts to their emergency contacts, the user can easily use the mobile application to enable or disable alerts for some or all safety-zone locations. When a user provides us with information about themselves and their emergency contacts, they can be assured that their information is completely secure, as their information is protected by the SSL/TLS protocol and a 184-bit key cipher to protect their password.

Development of our service has been achieved through an agile and test-driven software engineering process, which means our software is attested to be functional, reliable and secure. Furthermore, we provide a website with an extensive API documentation for developers, which means anyone can leverage our service to develop applications that take further strides to keep the general public safe.
EMERGENCY SAFETY PROXIMITY

Safety is our priority

A mobile app that allows safety to follow you!

☑ Finds the closest safety-zones during an emergency
☑ Automatically alerts emergency contacts via text message
☑ Fully customizable user experience
☑ Log in anywhere, on any device at any time

Android iOS Google Cloud Platform