

Project 2

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Product Mission Statement

This product aims to provide the users information about the pattern they are driving, such as their driving behavior, acceleration-deceleration rate, the most recent locations and the occurrence of locations they usually go to.

Also this app could potentially provide other features such as re-routing drivers to safe routes and provide real time location information such as elevation.

User stories

1. A driver is driving on the road and he wants to know if he's driving within the speed limit since he doesn't want to go beyond the speed limit and receive a speeding ticket.
2. A girl named Emily wants to find out if her boyfriend is cheating on her so she turns on this app and checks his most recent locations and frequency of being in that locations.
3. A mother wants to pick up her kids but she wants to avoid certain areas.

MVP

The drive should be able to use the product to receive warnings or notifications about how they are driving, such as the speed and the location. Also MVP might potentially add security alerts on the map.

Demonstration

In my github, the codes will demonstrate some features that I've developed before for another class to show real time speed and give out warnings if the driver is driving in a certain range of speed limit. The color of the text will turn to different colors for different speeds.

Github codes provided below:

https://github.com/szyang78/EC601_PROJECT2