Project Elixir

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Overview

This is an Uber-style service, which focuses on Ambulances (and other emergency response vehicles by extension). A user orders an ambulance on a dedicated app, and has the option of selecting the type of ambulance, the services required, and the hospital to go to, etc.

Goals

1. To reduce the time it takes from initiating an ambulance request, to reaching the hospital
2. Increasing the reach/coverage of the ambulances
3. Provide a central standard for all ambulances of any company/hospital
4. Provide better insight into cost effective ambulances depending on the requirement
5. Combine private and public ambulance services to increase the general availability, and easy with which one can call the right ambulance, at the right time

Specifications

This would be a phone based application, which is modeled after any ride service apps.

We hope to achieve a better Shortest Distance Algorithm, a better Smallest Fare Algorithm, and a much more friendly interface than most such apps.

Our plan is as follows:

1. Build a bigger fleet by including private and public ambulances
2. Keep them mobile and cover a larger area than by stationary stations
3. Use research to determine which area requires more number of ambulances, and accommodate accordingly
4. Since the ambulances are mobile, and now, much nearer to you, the time for the trip Hospital -> You -> Hospital is reduced significantly
5. By providing the right options, the person can choose a standard ambulance for standard needs, like daily transit to hospitals, or a minor accident (promoted by

lower costs), thereby freeing up essential resources for more major necessities. This method is cost effective to the user and the company.

Technologies Used (Work in Progress)

GitHub : https://github.com/J-Singh99/Project-Elixir

Flutter : Base Framework for the application

Sqlite3 : Database Manager

Google Map APIs : To control position and

Flask (for web extension)