

Project Application

Los Angeles Parking Citations

Author / Developer

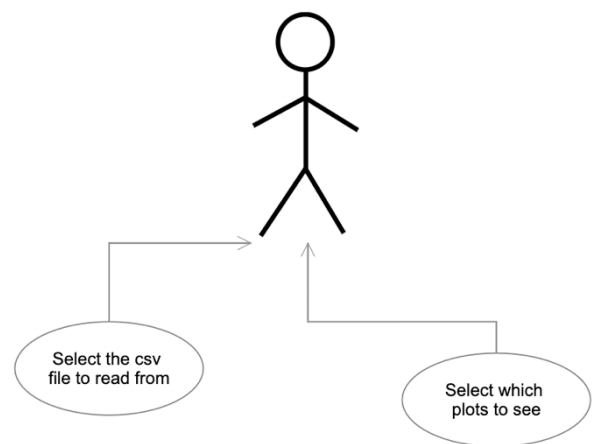
Michael Kahr

Vision

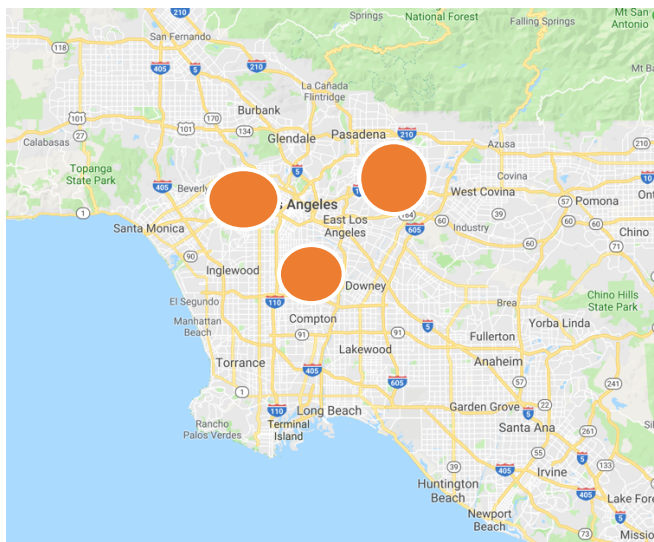
- **Benefit for the users:** The user can just select a new csv file and see where the most citations happened, when and which type they were.
- **Business value:** The city of Los Angeles can use this map to see where they need to put more security or improve the signage

Project Objectives

- **Use Case Diagram:**
- **Product Backlog:**
 - As a user, I am able to select a csv File that should be used.
 - As a user, I can decide which plots I want to see.

**Technical Areas**

The programming language will be python 3. The library for reading the csv file in and creating a dataframe is pandas. For calculation in the rows numpy will be used. Plotly or matplotlib will be used for the plots. Folium or maps will be used for the map.

Mock-up

Milestones

1. Read the csv file in and clean it
2. Collect important information
3. Display basic plots about the citations
4. Show a map where the most cases happened.