Patrick Fenn

LAB 6 - Uber Calculations

Platform: Desktop

HTTP client: Node.js

Languages: Java, Javascript

Dataset:
https://www.kaggle.com/fivethirtyeight/uber-pickups-in-new-york-city?select=other-Dial7_B00887.csv

Data We Have:

- Uber trip data from 2014 and 2015
    - The dates and times of each Uber trip
    - Pickup Addresses
    - Uber Base Numbers
- Non Uber trips from other companies from 2014 and 2015

Feature List:

- **other-Dial7_B00887.csv**
    - Feature 4: As a user I want to know how many times a pickup address has been used.
    - Feature 5: As a user I want to know what the busiest time for a pickup address.
    - Feature 6: As a user I want to know which Pickup locations in NYC get the most requests.
    - Feature 7: Move Analytics to server side.

Task-Completeness criteria:

- Feature 4: As a user I want to know how many times a pickup address has been used.
    - Textfield for occurrences is shown.
- Feature 5: As a user I want to know what the busiest time for a pickup address.

    - Busiest time is displayed in a textbox.
- Feature 6: As a user I want to know which Pickup locations in NYC get the most requests.
    - Show the busiest pickup location in a textbox.
- Feature 7: Move Analytics to server side.
    - Implement JSON communication utilizing rest api.

To-Do List

To do list for next sprint

- Use rest api to transfer data between server and client for analytics.

Done List

Done list for last sprint completed by Patrick Fenn.

- Update GUI
    - Add textfield for busiest state.
    - Add textfield for busiest pickup.
- Update Controller
    - Add logic for the busiest state textfield, should call a function from the analysis class.
    - Add logic for busiest pickup textfield, should call a function from the analysis class.
- Create Analysis class.
    - Add function for busiest state.
    - Add function for busiest pickup.