

### Artifact Lab 3

Fields of interests to search:

- Two Search Functionality for Uber or Non-Uber or Both
  - Date
    - Give all requests on that date
      - Contains: Address, Time
  - Address
    - Give all requests from that address
      - Contains: Time, Date
  - Cities (have days or dates)
    - Get all requests from the city
      - Contains: Location, Time, Date
  - Average Wait Time
    - Display a graph
      - Contains: Date, Location

Searching Test Cases:

- Correct Time: Am/PM or Military
- Invalid address: [No Data found, Check Spellings]
- All the buttons work i.e Search gives data, selected choice works
- If empty field, show red bar around search
- Multiage - Back <- previous page & Forward Page -> previous forward if there is one

The diagram illustrates a mobile application layout. A light blue sidebar on the left contains a hamburger menu icon, the text "Uber", and "Non- Uber". The main white area features a "Search Bar" and a "Search Function" button at the top. Below the search bar is a "Search" button. A toggle switch is located in the top right corner of the main area.

Taskboard:

David: Menu Bar with Uber/Non-Uber and process and display data

Melanie: Search Bar functionalities; Type a zip code, send that zip to server, check for test case, zip is too long or too short/ empty search

Khuaja: Receive the zip and call search functionality, send the data to client as JSON

Jason: Operations: Searching that data for zip codes give all uber requests

Surya: Read data from 1 uber file and 1 non uber file and store data in data structure