Attendance : Brian, Danny, Wiktor, Rob, Kiernan

Topics : Requirement Analysis of Problem #2;

Lyfter is an app-based personal vehicle system (i.e., ride-hailing), and they approach your team for help in designing a system that allows them to efficiently match riders to drivers. They want your team to help them claim “the wait time is never more than 5 minutes”, and thus in determining how many drivers they should recruit if they anticipate 100 riders at any instant of time.

Notes:

* Chose rutgers as sample size, new brunswick including livi and busch campus
* Database - Input (optional - Passenger and Driver Locations)
  + Data - [Request Time of Passenger, Passenger Location, Driver Location, Current Time of Ride]
  + Software - Code that inputs data to algorithm
* Database - Output Passenger - Driver Mapping
  + All should be under 5 minutes time
  + Software - Code that outputs algorithm to the database
* Algorithm to map
  + Google API responsibilities
    - Accurate response based on traffic
    - Output time distance
* Software - Algorithm (WIP)
  + Start with x drivers and
* Minimum Deliverable Product, number of drivers required for 100 passengers. Assuming that they have no current ride.

Next Steps:

* How to gather list of passenger, driver locations
  + Probably gonna pick 100 locations
* Look at google api, test proof of concept