Functional Requirements

* The navigation system shall obtain all current bus location routes, and status (in transit, going, returning.) then display each bus information on a map. This is how the systems find optimal bus routes?
* The navigation system shall inform the passenger when to depart from the bus at closest location to their destination.
* Passengers will give the navigation system their starting and destination location. The navigation system shall create a bus route that’s bring the passenger closest to their starting/ending location.
* The navigation system should allow the passenger to denote a particular bus route as frequently used and set alarms for when bus is in transit only at specific times in the day.
* The navigation system should track the passenger’s total travelled distance, frequent bus used & total fares paid. The application shall generate graphs for the previous metrics; particular, as histograms.
* The application should allow passengers to rate the navigation system functionality finding optimal bus routes between their starting and destination.