# 3.0 Requirements

## 3.1 Functional Requirements

3.1.1 User

* Users should be able to modify their personal information
* Users should be able to register their car and become a driver.
* Users should be able to search for trips with specific start and end location.
* Users should be able to search for trips with specific time frame.
* Users should be able to make a reservation to a available seat in a posted trip.
* Users should be able to cancel their reservation.
* Users should be able to see driver’s personal information such as phone number after their registration is approved by the driver.
* Users should be able to rate drivers and other passengers if they have been in a same trip.
* Users should be able to see driver’s rating before making a reservation to the trip.
* Users should be able to see trip information such as car information , stop locations , other passengers.

3.1.2 Driver

* Drivers should be able to modify the information of their car.
* Drivers should be able to post a trip with specific start and end location and start and end time.
* Drivers should be able to determine the price for their trip
* Drivers should be able to see reservation requests for their trip and approve or cancel the reservations.
* Drivers should be able to see passengers’ personal informations such as phone number after approving their registration.
* Drivers should be able to see passengers’ ratings if they have made a reservation request.
* Drivers should be able to rate the passengers if they have been in a same trip.

3.1.3 Customer Service

* Customer service should be able to see drivers car information.
* Customer service should be able to see user’s personal information
* Customer service should be able to search for trips with specific start and end location.
* Customer service should be able to search for trips with specific time frame.
* Customer service should be able to see a trip’s information

3.1.4 System Requirements

* System should be able to block reservations after the capacity of a trip is full.
* System should be able to block reservations 1 hour before the starting time of a trip.
* System should be able to verify users’ email.
* System should be able to limit the unverified users’ functionality with only search for trips.

## 3.2 Non Functional Requirements

3.2.1 Quick Response Time & Scaleability

* The system should be able to fast and scaleable. Since there will be searches and posting new data , system should be able to handle searches and database modifications as fast as possible.

3.2.2 User Friendliness

* The system should provide a easy-to-use interface.
* The system should guide new users and show the features of the system.

## 3.3 Pseudo Requirements