## User Requirement Specification

## Guest requirement:

Guest is a person who has the most limited access to the system. A guest can:

* Log in
* Sign up
* Recover account’s password
* Search for cars
* View information of cars
* View information of cars’ provider

## Customer requirement:

Customer is an authenticated user that can use system to make car booking. Customer is able to:

* Log out
* Search for cars
* View information of cars
* View information of cars’ provider
* Change personal information
* Change account’s password
* Book car
* Cancel personal booking
* Comment and rate the car provider’s service after:
  + Provider cancel customer’s booking
  + After their rental period end
* View notification when:
  + Provider canceled customer’s booking
  + After their rental period ended

## Provider requirement:

Provider is an authenticated user that can use system to manage their car rental business. Provider can:

* Log out
* Search for cars
* View information of cars
* View information of cars’ provider
* Change personal information
* Change account’s password
* Manage multiple online car garages. This includes”
  + Register garages
  + Edit garages’ information
  + Deregister garages
  + Close garages
  + Reopen garages
* Manage their rental cars. This includes:
  + Register their cars
  + Deregister their cars
  + Update their cars’ information
  + Choose car’s garage
  + Choose car’s group
* Manage their cars’ rental schedule. This includes:
  + Review their cars’ schedule
  + Set cars’ unavailable periods
  + Cancel customer’s booking
* Manage grouping of their cars for easier discount management
* Manage price groups for each car group
* Set discounts for car groups during special events
* View notification when
  + A car of them is booked
  + Customer canceled the booking

## Administrator requirement:

Administrator is an authenticated user that is tasked with managing the system and its users. Administrator is able to:

* Log out
* Search for cars
* View information of cars
* View information of cars’ provider
* Change personal information
* Change account’s password
* Deactivate another authenticated user’s account
* Reactivate another authenticated user’s account
* View sales reports of providers