**Psuedocode**

Show the options using switch case statements as

**Step 1:**

*Case 1:* Login as existing user or admin

If admin login successful go to step 2

If user Login fails go to *case 2*

Else if user login successful go to step 3

*Case 2:* Register the new User

*Case 3:* exit the program.

**Step 2 (*For Admin*):**

Case 1: Adding the Car

Select car category.

Add the car name, car ID and booking status.

Ask Admin for adding more car details.

Else go to step 2.

Case 2: Display data:

Display the car models.

Show the car name, car ID and booking status of all the cars.

Else go to step 2.

Case 3: Search data:

Take input keyword from user/admin.

Search the car details using keyword

If keyword doesn’t matches show that ***“car details not found in the file”.***

Else display the car details.

go to step 2.

Case 4: Modify Data:

Take carID input from Admin

If entered car ID doesn’t find in records show **“Car ID is not in the file”.**

Else modify the car details

go to step 2.

Case 5: Delete data:

Take the car ID from the Admin for which car has to be delete.

If the Car ID is valid then delete the car details from records.

Else show “Car ID not found in Records”.

Else go to step 2.

Case 6:

Generate Bill

Case 7:

Generate Invoice

Case 8:

Exit the program

**For User:**

show the options using switch statement as,

Case 1: Booking:

List out the available cars and booked cars in the selected type.

Select the car by entering car ID.

If selected car is available for booking proceed for **Step 2: Case 6**

Give the required travel information.

Case 2: Returning the car using car ID.

If the car ID is not valid or booking status is ‘0’ for the entered car ID then ask the user to enter a valid car ID.

else if car ID and booking status matched then unbook the car.

For generating invoice proceed to **Step 2: Case 7**

Case 3: Display data:

Display the car models.

Show the car name, car ID and booking status of all the cars.

Else go to step 2.

Case 4: Search data:

Take input keyword from user/admin.

Search the car details using keyword

If keyword doesn’t matches show that ***“car details not found in the file”.***

Else display the car details.

go to step 2.