

User Documentation

1.Go to the source folder from command prompt and run the code as show below.

```
D:\Car_Rentals>python car_rental.py user
1. Register
2. Login
```

2.It will Prompt for Register and login. As a new user Register as show below.

```
D:\Car_Rentals>python car_rental.py user
1. Register
2. Login
Enter your choice: 1
Enter username: kiran
Enter email: kiran999.n@gmail.com
Enter password: Kiran12345
User 'kiran' registered successfully!
Email notification sent to kiran999.n@gmail.com
Registration confirmation email sent to kiran999.n@gmail.com.
```

Once user register it will send an email notification to the user.

3.User login with username and password. It shows the below options

```
D:\Car_Rentals>python car_rental.py user
1. Register
2. Login
Enter your choice: 2
Enter username: kiran
Enter password: Kiran12345
Welcome, kiran!

User Menu:
1. View Available Cars
2. Book a Car
3. Return a Car
4. Send SOS Alert
5. Exit
Enter your choice:
```

4.Once user picks from the user menu option 1. View Available cars .It shows as below

```
User Menu:
1. View Available Cars
2. Book a Car
3. Return a Car
4. Send SOS Alert
5. Exit
Enter your choice: 1
Available Cars:
ID: 1, Make: Ford, Model: Mustang, Year: 2021, Mileage: 1000, Rental Charge/Hour: $20.00, Tax Rate: 10.00%, Min Rental Period: 4 hours, Max Rental Period: 24 hours
Do you want to book a car? (yes/no):
```

If user want to book need to type yes then it will go to car booking as below.

```

Available Cars:
ID: 1, Make: Ford, Model: Mustang, Year: 2021, Mileage: 1000, Rental Charge/Hour: $20.00, Tax Rate: 10.00%, Min Rental Period: 4 hours, Max Rental Period: 24 hours
Do you want to book a car? (yes/no): yes
Available Cars:
ID: 1, Make: Ford, Model: Mustang, Year: 2021, Mileage: 1000, Rental Charge/Hour: $20.00, Tax Rate: 10.00%, Min Rental Period: 4 hours, Max Rental Period: 24 hours
Enter the Car ID to book: 1
Enter rental start date and time (YYYY-MM-DD HH:MM): 2025-01-31 20:50
Enter rental end date and time (YYYY-MM-DD HH:MM): 2025-02-01 6:00

Rental Details:
Rental Charge (Excl. Tax): $183.33
Tax: $18.33
Total Rental Fee: $201.67
Confirm booking? (yes/no): yes
Email notification sent to kiran999.n@gmail.com

Car booked successfully! Awaiting admin approval.
Booking notification has been sent to your email: kiran999.n@gmail.com

```

Now a notification will be generated to admin for approval. Once admin approves user will get notified.

3. When user selects option 3 return a car an active booking can be returned. User will be charged based on min rental and max rental period. Please refer the below

```

Enter your choice: 3

Your Approved Bookings:
Booking ID: 1, Car: Ford Mustang, Rental Start: 2025-01-31 20:50:00

Enter the Booking ID to return: 1
Email notification sent to kiran999.n@gmail.com

Car returned successfully! An invoice has been sent to your email.

User Menu:
1. View Available Cars
2. Book a Car
3. Return a Car
4. Send SOS Alert
5. Exit
Enter your choice:

```

4. In an active booking in case of any emergency user can avail option 4 which will send a notification car rental SOS team. This team will be ready to do required help.

```

User Menu:
1. View Available Cars
2. Book a Car
3. Return a Car
4. Send SOS Alert
5. Exit
Enter your choice: 4
Email notification sent to carrental2608sos@gmail.com
SOS alert sent to the admin. Help is on the way!

```

