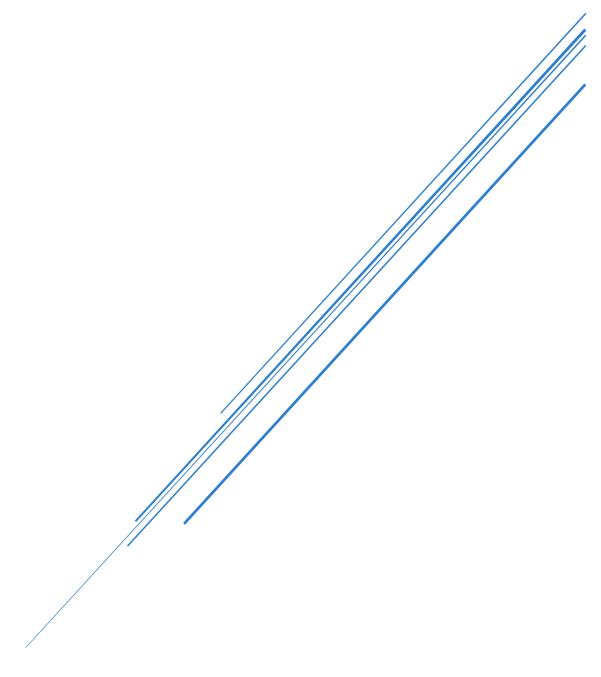
USER MANUAL

Car Rental System



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Table of Contents

•	I	For Admins:	2
	a.	Login	2
	b.	Admin Menu:	3
	C.	Add New Car:	4
	d.	Update Car:	5
	e.	Manage Rental Bookings:	6
	f.	Log out:	8
•	Į	Jsers:	9
	a.	Register:	9
	b.	Login:	10
	c. '	View Available Cars:	11
	d.	View your bookings:	12
	e.	ook a car:	
	f. (
	g.	Search for Cars:	15
	h.	Loa out	17

• For Admins:

a. Login

When you first open the application, you will see the initial menu which will welcome you to the Easy Car Rental System.

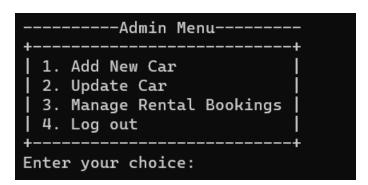
Here you have 3 options, but you will not have to Register as your credentials are already included in the system so will only have to select the option 1 by entering 1:

Then you will be directed to the Login Interface, and you will login with the credentials provided to you:

```
******** WELCOME TO THE LOGIN PAGE ********
Enter your username: admin
Enter your password: ****
```

After you enter the credentials, press enter and then you will be taken to the Admin Menu.

b. Admin Menu:



In the Admin menu you will have 4 options:

- 1. Add New Car
- 2. Update Car
- 3. Manage Rental Bookings
- 4. Log Out

c. Add New Car:

After you select the Add New Car option form the Admin Menu by entering 1, you will be seeing the Add New Car Interface where you will enter the information of the car you want to Add to the System:

You will have to enter the details of the car like:

- Car Make
- Car Model
- Car Year
- Mileage
- Availability
- Minimum Rent Period
- Maximum Rent Period

After you have entered all the information successfully you will be prompted a success message and then directed to the Admin Menu again:

d. Update Car:

Then, you can choose other options as well. Let's see for update car option by entering 2.

Then you get the list of Cars with their ID, Make and Model by looking at which you can enter the ID of the car you want to update.

After you enter the Car ID you get prompt to update each detail of the Car you can either enter a new value which you want to update or you can leave the field empty to keep the detail as it is.

e. Manage Rental Bookings:

When you choose manage rental booking from the admin menu you will be directed to the manger booking interface:

You can choose between various options:

- View all bookings
- Approve booking
- Reject booking

When you select to view all bookings all the details of the bookings will be displayed.

```
Enter Your Choice: 1
BookingID = 1
CustomerID = 1
CarID = 1
StartDate = 2022-01-01
EndDate = 2022-01-07
TotalCost = 200.0
Status = Pending
BookingID = 2
CustomerID = 2
CarID = 2
StartDate = 2022-01-02
EndDate = 2022-01-08
TotalCost = 220.0
Status = Pending
BookingID = 3
CustomerID = 3
CarID = 3
StartDate = 2022-01-03
EndDate = 2022-01-09
TotalCost = 240.0
Status = Pending
```

When you choose to approve booking from the manage rental booking menu you will be able to view only those bookings that are pending and can enter the ID of the booking you want to approve.

```
BookingID: 90
Customer: admin2
Car: Kia Optima
Period: 2022-01-10 to 2022-01-16
Total Cost: 380
------
Enter Booking ID to approve: 90
Booking approved successfully.
```

Once you enter the ID of the booking you will get a success approve message.

Similarly, when you choose the option to reject a booking from the manage rental booking menu:

```
BookingID: 88

Customer: user2

Car: Nissan Altima

Period: 2022-01-08 to 2022-01-14

Total Cost: 340

-----

BookingID: 89

Customer: admin1

Car: Hyundai Elantra

Period: 2022-01-09 to 2022-01-15

Total Cost: 360

-----

Enter Booking ID to reject:
```

You will get the list of all the pending bookings and a field to enter the ID of the booking you want to reject.

```
Enter Booking ID to reject: 89
Booking rejected successfully.
```

After entering the ID you will get a successful rejection message.

f. Log out:

To log out to the main menu enter 4 in the Admin Menu:

And then you can choose option 3 of exit in the Main menu to exit the application.

• Users:

a. Register:

When you first open the application you get 3 options first to register choose 2.

Then you will have the register page where you can include your username and password.

```
******* WELCOME TO THE REGISTER PAGE ********
Enter your username: Mallika
Enter your password: ******
```

After you have entered your credentials, you will get a success message.

b. Login:

```
******* REGISTRATION SUCCESSFUL *******
Thank you for registering, Mallika!
You can now log in using your credentials.
```

After registration you can login my selecting the login option from the main menu and then you will be directed to the login page:

```
******* WELCOME TO THE LOGIN PAGE *******
Enter your username: Mallika
Enter your password: ******
```

Enter your credentials and then you will see the User's menu:

Here, you have multiple menus to:

- View Available Cars
- View Bookings
- Book a Car
- Cancel Booking
- Search For cars
- Log out

c. View Available Cars:

Choosing option one to view available cars:

Then you will view all the cars that are available.

d. View your bookings:

Choosing second option to view your bookings:

```
View User Bookings

Select booking type:

All Bookings

Pending Bookings

Confirmed Bookings

Rejected Bookings

Cancelled Bookings

Enter your choice:
```

You have various options here as well:

- All bookings
- Pending Bookings
- Confirmed Bookings
- · Rejected Bookings
- Cancelled Bookings

When you enter a booking option and if no booking is found then you will get a no booking message:

```
Enter your choice: 1
-----User-Booking-----
No bookings found!
```

Whereas when you have bookings you will receive the data of your booking:

```
Enter your choice: 1
------User-Booking------
BookingID: 1
Car: Toyota Corolla 2022
StartDate: 2024-04-04
EndDate: 2024-04-14
Status: Pending
```

You will receive similar interface for all types of booking when you check.

e. Book a car:

When you select the option to book a car form the user menu you will be displayed all the car with there details and then you can enter the Car ID to book a car.

Then when you enter the Car ID of the car you want to book, you will be taken to validate car interface where you will enter your booking details:

You will enter the valid start date and end date of your booking and then you will get a success message with the total days of your booking and the cost of your booking accordingly. If you will enter invalid data to the field then you will be respectively asked for the valid data.

f. Cancel Booking:

If you change your mind after booking and want to cancel your booking you can do so by choosing the cancel booking option from your user menu.

You will get a view of all the Cars you have booked and then you can enter the ID of the booking you want to cancel.

You will get a success message after you have entered the ID.

g. Search for Cars:

You can search for Cars by entering the option of Search for cars from the user menu:

```
Enter your choice: 5
                 Search Cars
  Enter make (or leave empty):
  Honda
  Enter model (or leave empty):
  Search for available cars only? (1 for Yes,
  0 for No):
                                                                           Availability
Index CarID
                  Make
                                 Model
                                                 Year
                                                            Mileage
                                 Civic
                                                 2021
                                                            12000
       2
                  Honda
                                                                           Yes
       12
                  Honda
                                 Civic
                                                 2021
                                                            12000
                                                                           Yes
  Do you want to book a car? (1 for Yes,
  0 for No):
```

Then you can search for the car by entering or leaving empty the Make and Model for your desired car and the availability.

Then you will receive the list of cars with their information. And then you can decide to book the car as well.

Once you enter 1 to continue booking the car from the search result you will get the full detail and then enter the dates for your booking.

After you enter the proper valid start date and end date with year, month and day you will get a success message with the total days and total cost.

h. Log out

To log out from the User menu chose the log out option and then chose the Exit function to exit the application.

```
_____
        User Menu
_____
1. View Available Cars
2. View Bookings
3. Book a Car
4. Cancel Booking
5. Search for Cars
6. Log Out
Enter your choice: 6
Loggin out....
****** Welcome to Easy Car Rental ****
1. Login
2. Register
3. Exit
Enter your choice: 3
Exiting....
```

Thank you.