

Test Cases:

Here are test cases for the vehicle table.

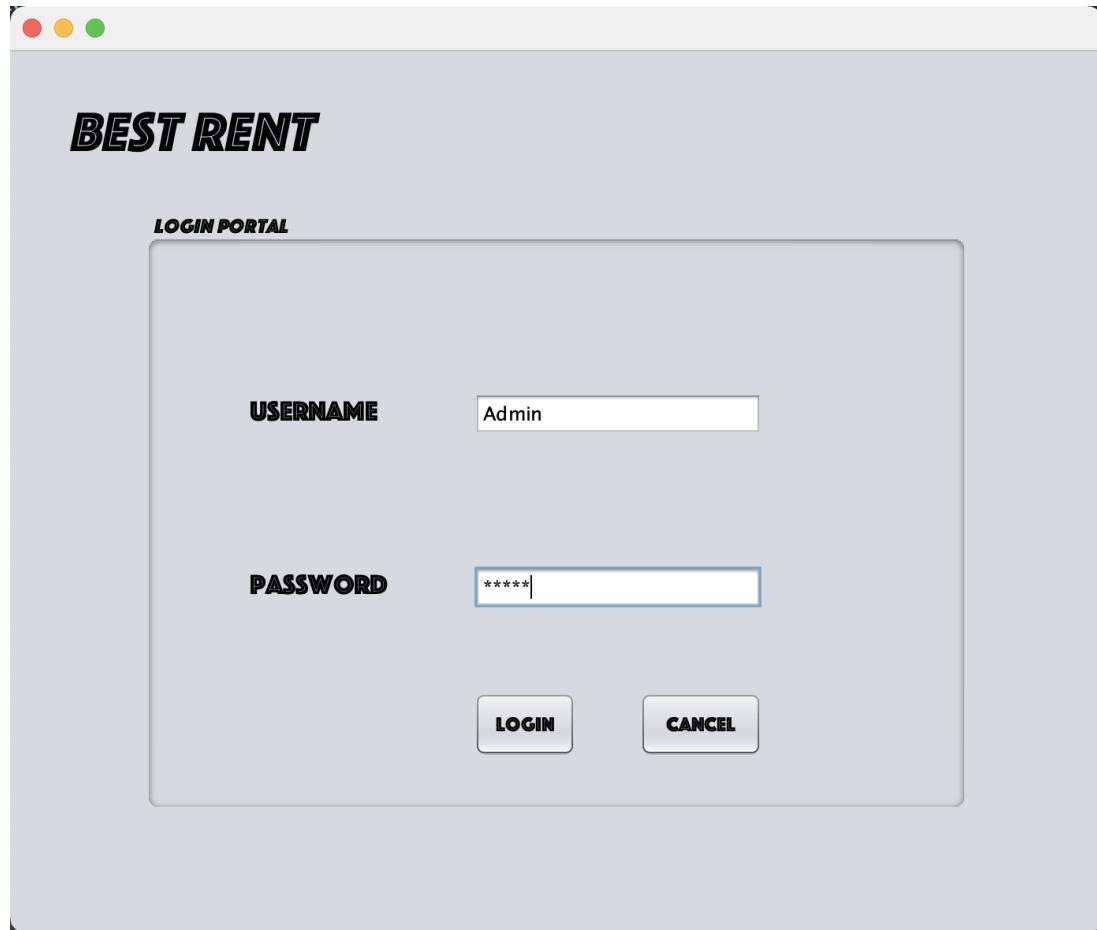
Vehicle No	Make	Model	Availability	Status	Mileage	Price
V0001	McLaren	720s	Yes	Good	300	500
V0002	Ferrari	SF90	Yes	Good	1000	700
V0003	Benz	G63	No	Scrapped	5000	300

Here are the test cases for the customer table.

Customer ID	Name	Credits	Mobile No.	Address
1	Betty	9	456-765-9876	463 Park Dr.
2	Daniel	5	234-567-8989	7 Protina Rd.

Here are the screenshots for testing.

First, let's log in to the terminal to add the vehicles.



As you can see, all the tables are empty. Now let's add the cars to the database.

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0001						
Make						
Model						
Availability	Yes					
Status	Good					
Mileage						
Price						
Add	Edit					
Delete	Clear					

RENTAL HISTORY				
Vehicle No	Customer ID	Fee	Date	Due

CUSTOMER				
ID	Name	Credits	Mobile No.	Address
1				
Customer ID				
Customer Name				
Credits				
Address				
Mobile				
Add	Edit			
Delete	Clear			

RENTAL HISTORY				
Vehicle No	Customer ID	Fee	Date	Due

LOGOUT

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0001	McLaren	720s	Yes	Good	300	500
Make						
Model						
Availability	Yes					
Status	Good					
Mileage						
Price						
Add	Edit					
Delete	Clear					

RENTAL HISTORY				
Vehicle No	Customer ID	Fee	Date	Due

CUSTOMER				
ID	Name	Credits	Mobile No.	Address
1				
Customer ID				
Customer Name				
Credits				
Address				
Mobile				
Add	Edit			
Delete	Clear			

RENTAL HISTORY				
Vehicle No	Customer ID	Fee	Date	Due



Vehicle added successfully

LOGOUT

By clicking the “Clear” button, it clears out all the contents on the textboxes, which makes it easier to add cars to the database.

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicel No.	Make	Model	Availability	Status	Mileage	Price
V0001	McLaren	720s	Yes	Good	300	500

RENTAL HISTORY				
Vehicle No	Customer ID	Fee	Date	Due

VEHICLE REGISTRATION

Vehicle No.	V0002
Make	Ferrari
Model	SF90
Availability	Yes
Status	Good
Mileage	1000
Price	700
Add	Edit
Delete	Clear

CUSTOMER

Customer ID	1
Customer Name	
Credits	
Address	
Mobile	
Add	Edit
Delete	Clear



REFRESH **DELETE RECORD** **CANCEL**

LOGOUT

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicel No.	Make	Model	Availability	Status	Mileage	Price
V0001	McLaren	720s	Yes	Good	300	500
V0002	Ferrari	SF90	Yes	Good	1000	700

RENTAL HISTORY				
Vehicle No	Customer ID	Fee	Date	Due

VEHICLE REGISTRATION

Vehicle No.	V0003
Make	Benz
Model	G63
Availability	No
Status	Scrapped
Mileage	5000
Price	300
Add	Edit
Delete	Clear

CUSTOMER

Customer ID	1
Customer Name	
Credits	
Address	
Mobile	
Add	Edit
Delete	Clear



REFRESH **DELETE RECORD** **CANCEL**

LOGOUT

Because only 2 cars are available, we can see them on the customer web page.

The screenshot shows a web browser window with the URL "localhost" in the address bar. The page has a dark header with "ABOUT US" and "AVAILABLE CARS" buttons. Below the header is a large image of three women smiling from inside a silver car. Underneath the image is a "AVAILABLE CARS" button. A table below the button lists two vehicle options:

Vehicle Number	Make	Model	Price
V0001	McLaren	720s	500
V0002	Ferrari	SF90	700

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION

Vehicle No.	V0003
Make	Benz
Model	G63
Availability	Yes
Status	Scrapped
Mileage	5000
Price	300

CUSTOMER

Customer ID	1
Customer Name	
Credits	
Address	
Mobile	

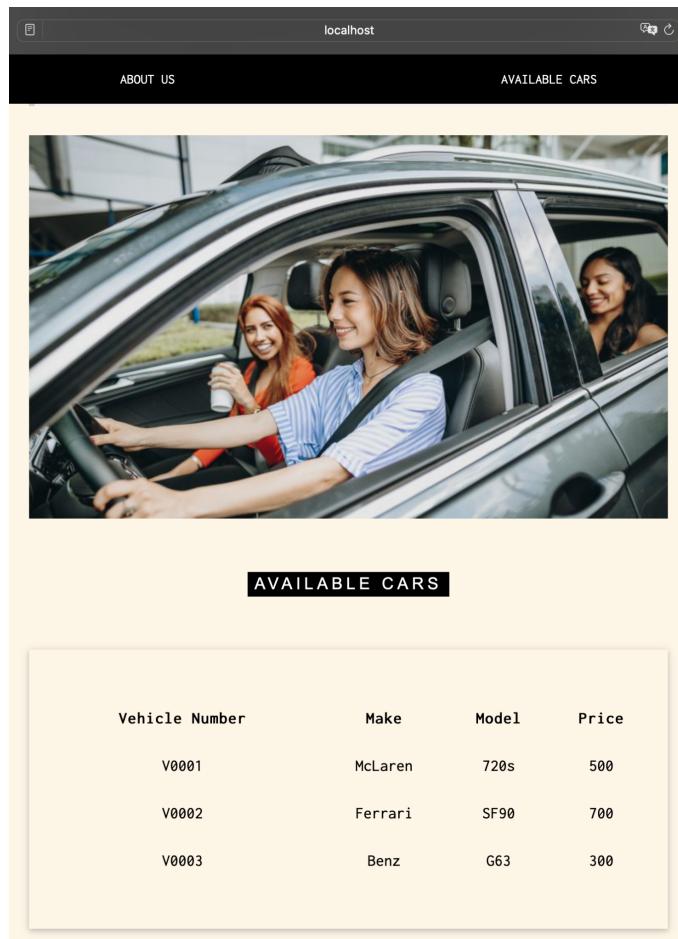
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0001	McLaren	720s	Yes	Good	300	500
V0002	Ferrari	SF90	Yes	Good	1000	700
V0003	Benz	G63	No	Scrapped	5000	300

ID Name Credits

i

Message

Vehicle updated successfully!



If we edit the G63 to become available, it will then be shown on this page.

localhost

ABOUT US AVAILABLE CARS



Customers Be Aware: Please specify the vehicle id exactly as shown above in the available car list. If you do not return the vehicle in time, we will charge a late fee accordingly. Thank you for your understanding!

Reserve your favorite car now, our team will contact you shortly:

Betty

463 Park Dr.

4567659876

V0002

Pick-up Date:
2022-04-28

Drop-off Date:
2022-05-01

Submit Request

Then we can use the web page to add customer Betty who wants to rent a Ferrari. Let's say that she wants to rent from 4-28 to 5-1.

And then, after refreshing the tables, these records will be updated to the terminal and the rental fee will also be calculated.

WE OFFER YOU THE BEST RENT																
VEHICLE REGISTRATION Vehicle No. <input type="text" value="V0004"/> Make <input type="text"/> Model <input type="text"/> Availability <input type="text" value="Yes"/> <input type="button" value="▼"/> Status <input type="text" value="Good"/> <input type="button" value="▼"/> Mileage <input type="text"/> Price <input type="text"/> <input type="button" value="Add"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Clear"/>				RENTAL HISTORY <table border="1"> <thead> <tr> <th>Vehicle No</th> <th>Customer ID</th> <th>Fee</th> <th>Date</th> <th>Due</th> </tr> </thead> <tbody> <tr> <td>V0002</td> <td>1</td> <td>2100</td> <td>2022-04-28</td> <td>2022-05-01</td> </tr> </tbody> </table>			Vehicle No	Customer ID	Fee	Date	Due	V0002	1	2100	2022-04-28	2022-05-01
Vehicle No	Customer ID	Fee	Date	Due												
V0002	1	2100	2022-04-28	2022-05-01												
CUSTOMER Customer ID <input type="text" value="1"/> Customer Name <input type="text" value="Betty"/> Credits <input type="text" value="9"/> Address <input type="text" value="463 Park Dr."/> <input type="button" value="Add"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Clear"/>				<table border="1"> <thead> <tr> <th>ID</th> <th>Name</th> <th>Credits</th> <th>Mobile No.</th> <th>Address</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Betty</td> <td>9</td> <td>4567659876</td> <td>463 Park Dr.</td> </tr> </tbody> </table>			ID	Name	Credits	Mobile No.	Address	1	Betty	9	4567659876	463 Park Dr.
ID	Name	Credits	Mobile No.	Address												
1	Betty	9	4567659876	463 Park Dr.												
<input type="button" value="REFRESH"/> <input type="button" value="DELETE RECORD"/> <input type="button" value="CANCEL"/> <input type="button" value="LOGOUT"/>																

We can also add customers from the terminal. After “Clear” the contents, we can add the second customer.

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0004						

RENTAL HISTORY						
Vehicle No	Customer ID	Fee	Date	Due		
V0002	1	2100	2022-04-28	2022-05-01		

CUSTOMER		
ID	Name	Credits
1	Betty	9

Customer added successfully!

If Daniel changes his address and we also want to raise his credits, we can also edit the contents.

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0003	Benz	G63	Yes	Good	300	500

RENTAL HISTORY						
Vehicle No	Customer ID	Fee	Date	Due		
V0002	1	2100	2022-04-28	2022-05-01		

CUSTOMER		
ID	Name	Credits
1	Betty	9
2	Daniel	5

Customer updated successfully!

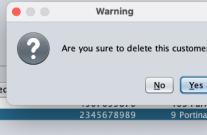
As Daniel doesn't rent a car yet, we can delete him from the customer, simply press delete, then he will be removed from the database. But we can't remove Betty, as she had an order.

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0003	Benz	G63	Yes	Good	300	500
V0002	Ferrari	SF90	Yes	Good	1000	700
V0001	McLaren	720s	Yes	Good	300	500

RENTAL HISTORY				
Vehicle No	Customer ID	Fee	Date	Due
V0002	1	2100	2022-04-28	2022-05-01

ID	Name	Credit
1	Betty	9
2	Daniel	8



Are you sure to delete this customer?

Similarly, we can also delete the cars we want.

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0003	Benz	G63	Yes	Good	300	500
V0002	Ferrari	SF90	Yes	Good	1000	700
V0001	McLaren	720s	Yes	Good	300	500

RENTAL HISTORY				
Vehicle No	Customer ID	Fee	Date	Due
V0002	1	2100	2022-04-28	2022-05-01

ID	Name	Credit
1	Betty	9



Are you sure to delete this vehicle?

If we want to delete Betty from the database, we need to delete the related rental record first.

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0003	McLaren	720s	Yes	Good	300	500
V0002	Ferrari	SF90	Yes	Good	1000	700

RENTAL HISTORY						
Vehicle No	Customer ID	Fee	Date	Due		
V0002	4	2100	2022-04-28	2022-05-01		

CUSTOMER		
ID	Name	Credits
4	Betty	5

 **Message**
 Record deleted successfully

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0003	McLaren	720s	Yes	Good	300	500
V0002	Ferrari	SF90	Yes	Good	1000	700

RENTAL HISTORY						
Vehicle No	Customer ID	Fee	Date	Due		
V0002	4	2100	2022-04-28	2022-05-01		

CUSTOMER		
ID	Name	Credits
4	Betty	5

 **Message**
 Customer deleted successfully

And here is the final terminal. When G63, Betty and Daniel have been removed.

WE OFFER YOU THE BEST RENT

VEHICLE REGISTRATION						
Vehicle No.	Make	Model	Availability	Status	Mileage	Price
V0003	McLaren	720s	Yes	Good	300	500
V0002	Ferrari	SF90	Yes	Good	1000	700

RENTAL HISTORY				
Vehicle No.	Customer ID	Fee	Date	Due

CUSTOMER				
ID	Name	Credits	Mobile No.	Address
4	Betty	5	4567659876	463 Park Dr.