

SE Project

CS331

Group No. : G-8

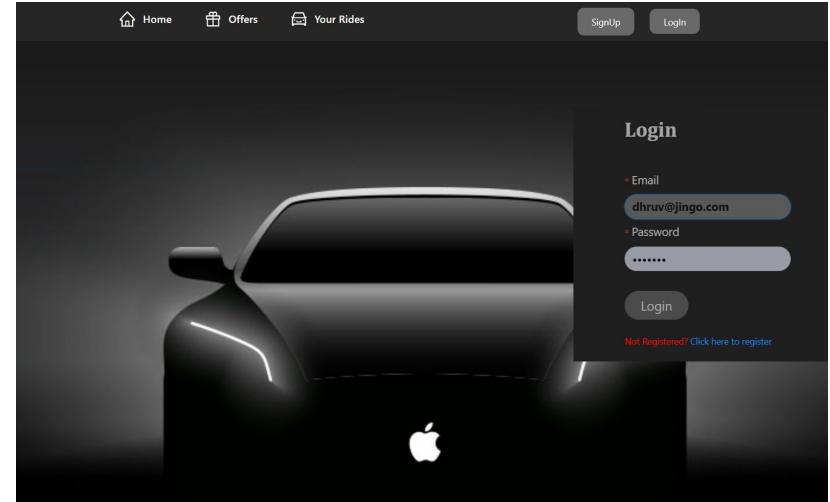
- 1. Shivendra Giri (1901189)*
- 2. Priyam Das (1901146)*
- 3. Rishav Adarsh (1901159)*

Functionalities



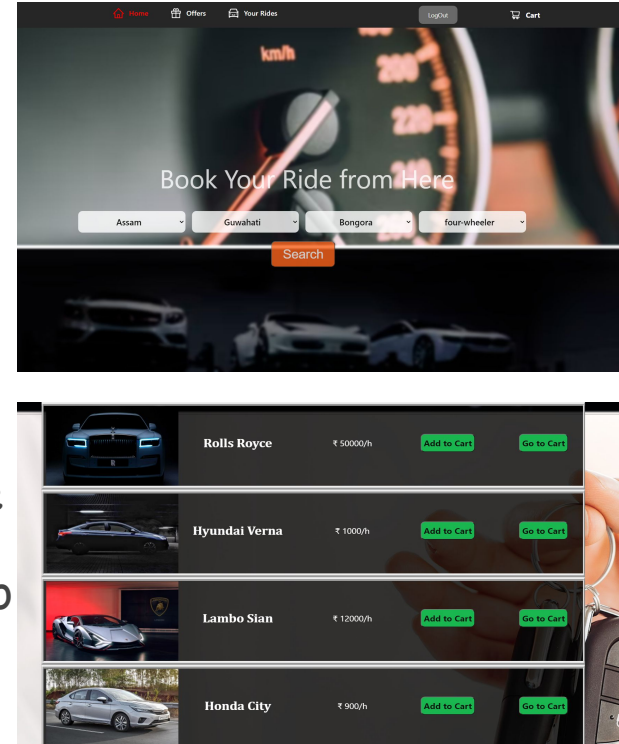
- LogIn :

When the user fills up the credentials correctly matching with that of on the database ,the user will be then allowed to visit the application and he/she will be directed to the home page of our application.



- Search :

On the home page, the user can select his/her desired state, city, substation and the vehicle-type and then click on the search button to get the desired list of vehicles. From the vehicle list, the user can click on "Add to Cart" button to add a vehicle to his/her cart considering that he/she is logged-in. If not logged in, then he/she will be redirected to the login page.

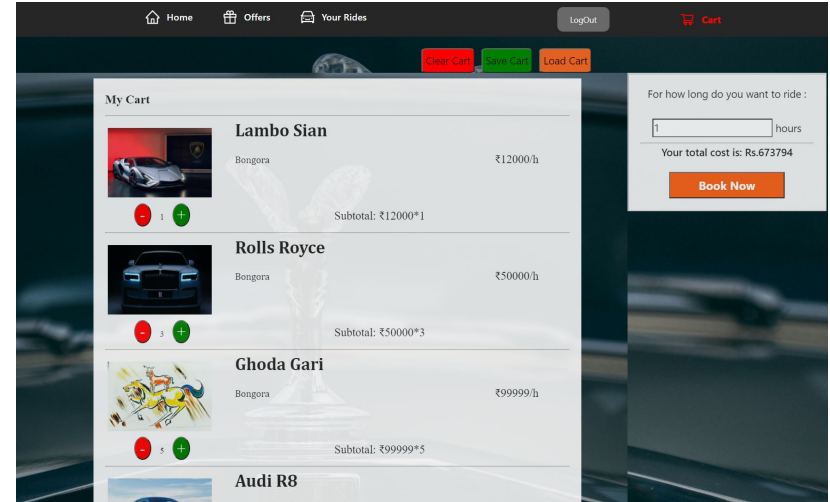


- Cart:

Here the user can manipulate his
manipulate his/her choice of rides

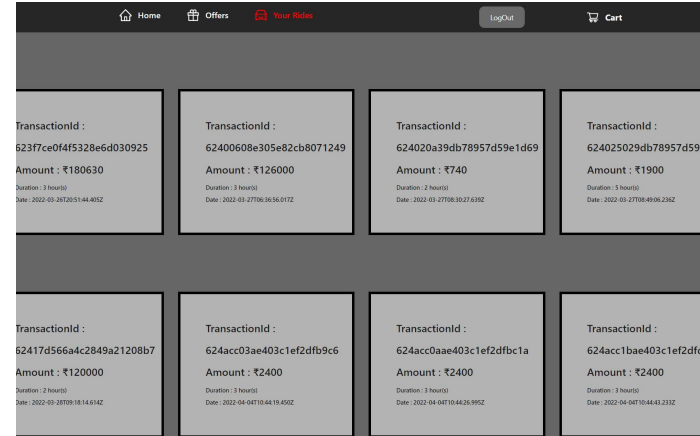
And its quantity by add/subtract button.

There are three more buttons
to facilitate the user in doing so
i.e. LOAD/SAVE/CLEAR .After the user is
done with his/her manipulation of the cart
and duration of his/her ride ,he will click on the BookNow button .



- Transactions :

After finalizing the cart ,when the user click on BOOK NOW button and gets done with his payment ,he/she will get directed to the YourRides/transaction page where he/she will be able to fetch all his/her past transaction details .



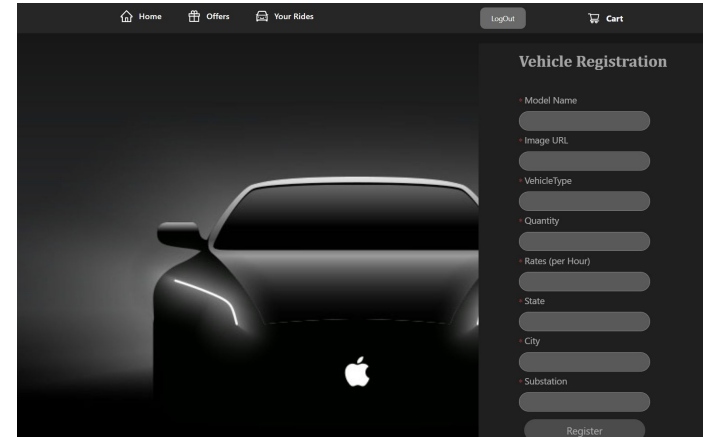
The screenshot displays the 'Your Rides' page with a dark header containing navigation links: Home, Offers, Your Rides (highlighted), LogOut, and Cart. The main content area features a grid of eight transaction cards, each containing the following information:

TransactionId :	TransactionId :	TransactionId :	TransactionId :
623f7ce0f4f5328e6d030925	62400608e305e82cb8071249	624020a39db78957d59e1d69	624025029db78957d59e1d69
Amount : ₹180630	Amount : ₹126000	Amount : ₹740	Amount : ₹1900
Duration : 3 hours10	Duration : 3 hours10	Duration : 3 hours10	Duration : 3 hours10
Date : 2022-09-28T05:14:40Z	Date : 2022-09-27T06:36:56:01Z	Date : 2022-09-27T06:30:27:630Z	Date : 2022-09-27T06:40:06:230Z

TransactionId :	TransactionId :	TransactionId :	TransactionId :
62417d566a4c2849a21208b7	624acc03ae403c1ef2dfb9c6	624acc03ae403c1ef2dfb9c6	624acc1bae403c1ef2dfb9c6
Amount : ₹120000	Amount : ₹2400	Amount : ₹2400	Amount : ₹2400
Duration : 3 hours10	Duration : 3 hours10	Duration : 3 hours10	Duration : 3 hours10
Date : 2022-09-28T05:14:40Z	Date : 2022-04-04T10:44:19:450Z	Date : 2022-04-04T10:44:19:450Z	Date : 2022-04-04T10:44:19:450Z

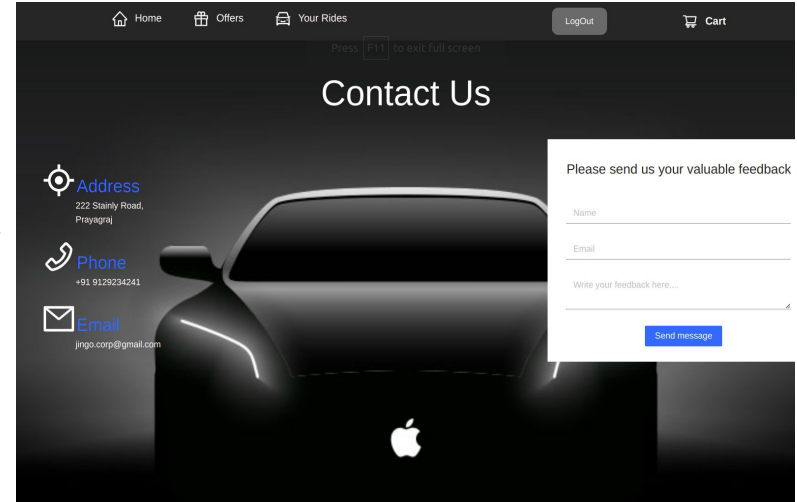
- Admin (Database Manipulation):

Admin page can only be accessed by the ADMIN only .On this page ,the admin can make some direct changes to the database which can directly alter the application viewed by the regular users.

A screenshot of a web application's admin interface. The top navigation bar is dark with links for Home, Offers, Your Rides, Log Out, and a Cart icon. The main content area is split: the left side shows a dark car with a glowing Apple logo on the front, and the right side is a 'Vehicle Registration' form. The form has fields for Model Name, Image URL, Vehicle Type, Quantity, Rates (per Hour), State, City, and Substation, each with a light gray input box. A 'Register' button is at the bottom of the form.

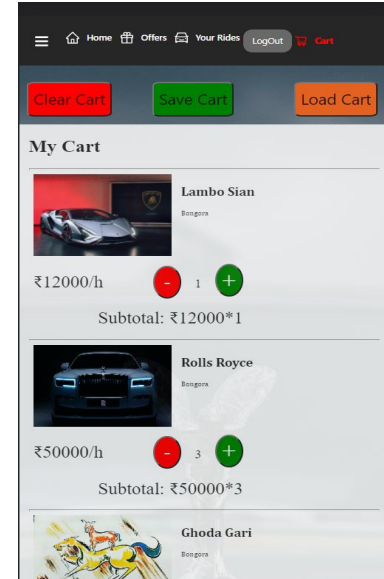
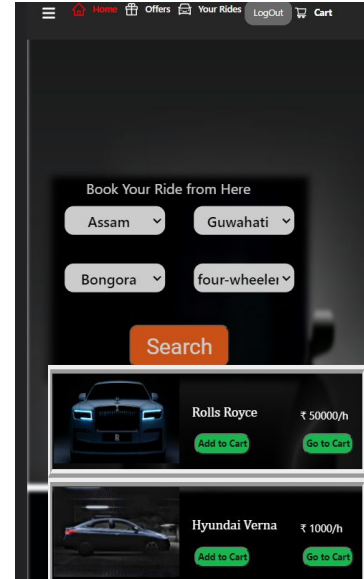
- Contact-Us :

An user can send us feedback about the application or our services and can suggest any improvements to enable us to make the application and our services better.



- Responsiveness :

Our application is very responsive for PCs ,laptops as well as mobile screens. It adjusts its components size with respect to the screen size of the user .



Testing Reports

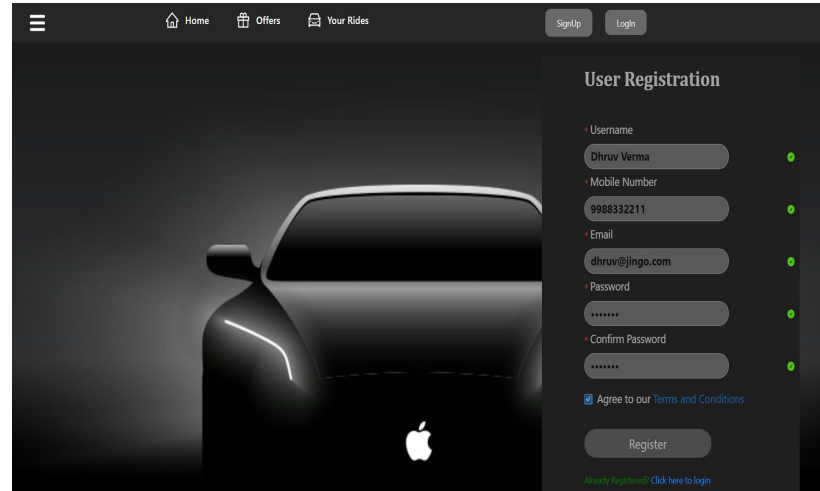


- SignUp Testing :

(i) For Valid Inputs :

INPUT :

When user fill up the registration form as per the required constraints.



The screenshot shows a web application with a dark theme. The top navigation bar includes a hamburger menu, links for Home, Offers, and Your Rides, and buttons for Sign Up and Login. The main content area features a large image of a car with an Apple logo on the front. On the right side, there is a 'User Registration' form. The form fields are as follows:

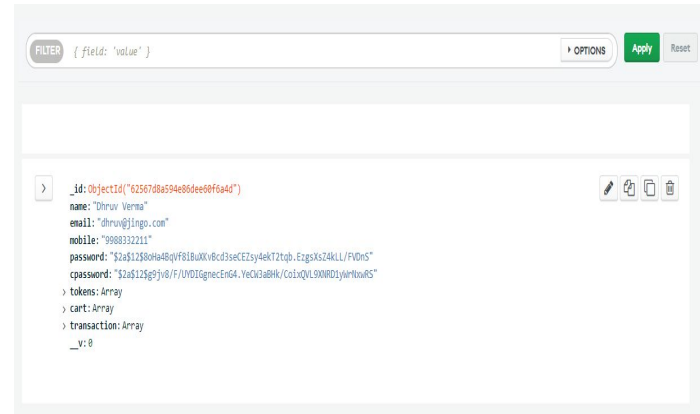
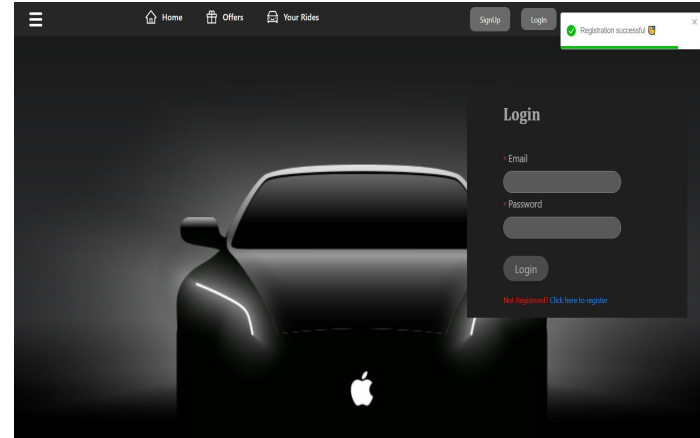
- Username: Dhruv Verma (Valid)
- Mobile Number: 9988332211 (Valid)
- Email: dhruv@jingo.com (Valid)
- Password: (Valid)
- Confirm Password: (Valid)
- Agree to our Terms and Conditions: (Checked)

At the bottom of the form is a 'Register' button. Below the button, there is a link that says 'Already Registered? Click here to login'.

OUTPUT :

User will be shown a success message depicting a positive response on submission and will be navigated to the login page .

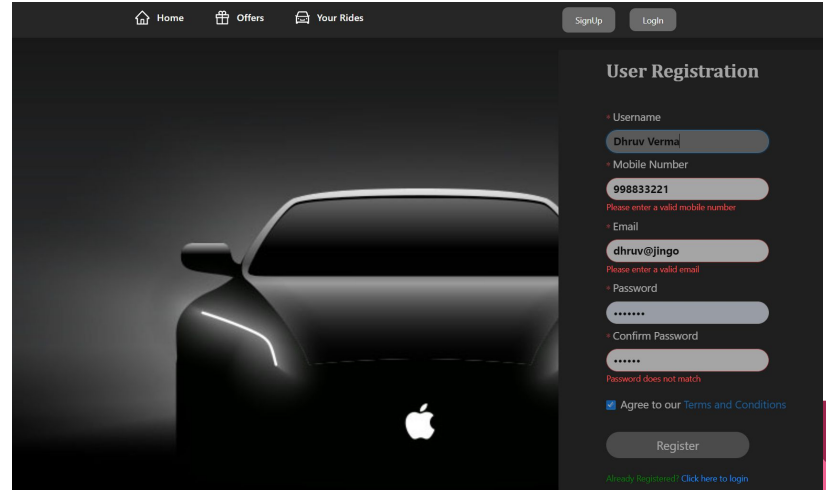
After the successful submission the data will be stored on the database .



(i) For Invalid Inputs :

INPUT :

When user fill up the registration form leaving out some of the fields or filling it out not following the constraints.



The screenshot shows a dark-themed web application with a navigation bar at the top containing links for Home, Offers, and Your Rides, along with Sign Up and Login buttons. The main content area features a large image of a car with a glowing Apple logo on the front. On the right side, there is a 'User Registration' form. The form includes fields for Username, Mobile Number, Email, Password, and Confirm Password. The Mobile Number field contains '998833221' and has a red error message 'Please enter a valid mobile number'. The Email field contains 'dhruv@jingo' and has a red error message 'Please enter a valid email'. The Password field contains '*****' and the Confirm Password field also contains '*****', with a red error message 'Password does not match' below them. At the bottom of the form, there is a checkbox for 'Agree to our Terms and Conditions' and a 'Register' button. A link for 'Already Registered? Click here to login' is located at the very bottom of the registration panel.

Home Offers Your Rides Sign Up Login

User Registration

* Username
Dhruv Verma

* Mobile Number
998833221
Please enter a valid mobile number

* Email
dhruv@jingo
Please enter a valid email

* Password

* Confirm Password

Password does not match

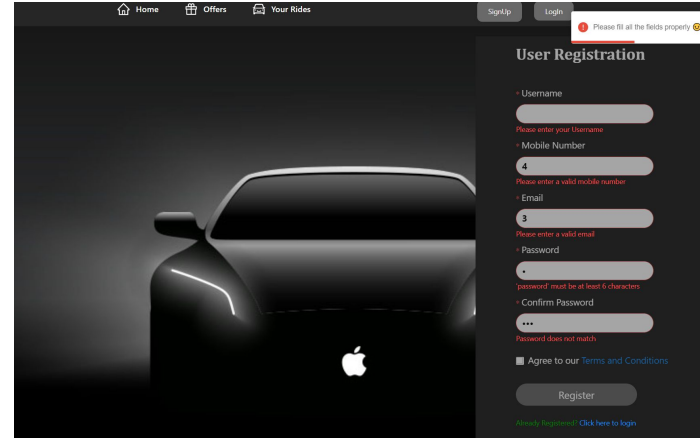
☒ Agree to our [Terms and Conditions](#)

Register

[Already Registered? Click here to login](#)

OUTPUT :

User will be shown an error message depicting a negative response on submission.



The screenshot shows a web application interface for user registration. On the left, there is a dark background featuring a glowing Apple logo and a car silhouette. On the right, the 'User Registration' form is displayed. The form includes fields for Username, Mobile Number, Email, Password, and Confirm Password. A red error message at the top of the form states: 'Please fill all the fields properly'. Below the form, there is a 'Register' button and a link to 'Already Registered? Click here to login'.

Home Offers Your Rides Sign Up Login

Please fill all the fields properly

User Registration

Username
Please enter your Username

Mobile Number
4
Please enter a valid mobile number

Email
3
Please enter a valid email

Password
*
password must be at least 6 characters

Confirm Password

Password does not match

☐ Agree to our [Terms and Conditions](#)

Register

[Already Registered? Click here to login](#)

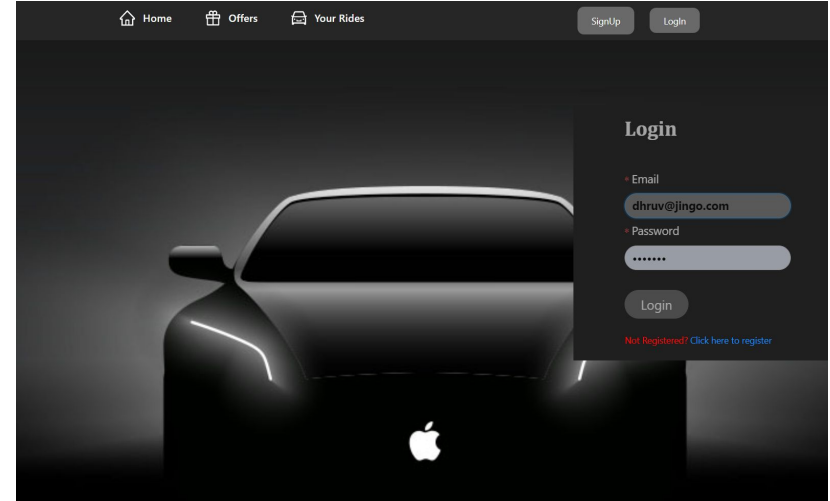
In this case ,our frontend server won't allow this data to fetch the backend server and hence no data will be stored on the database this time .

- LogIn Testing :

(i) For Valid Inputs :

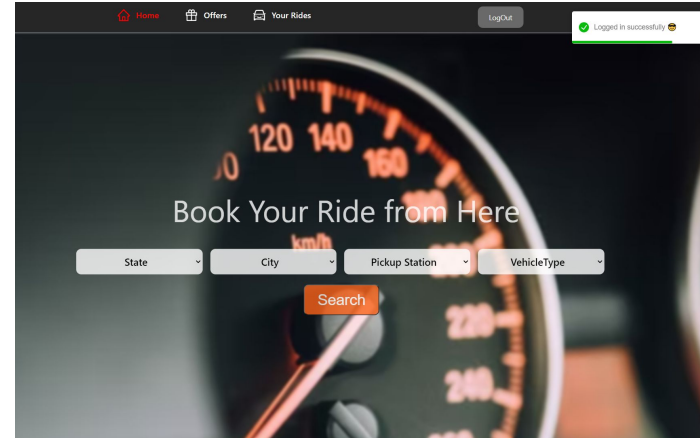
INPUT :

When user fill up the login credentials correctly.



OUTPUT :

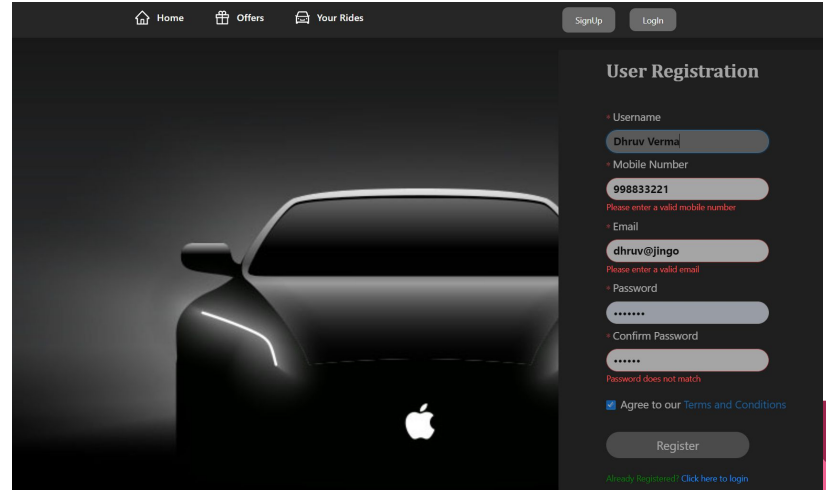
Post submission the input credentials will be matched with that of on the database and then the user will be shown a success message depicting a positive response and will be navigated to the home page .



(i) For Invalid Inputs :

INPUT :

When the user fill up the credentials incorrectly.



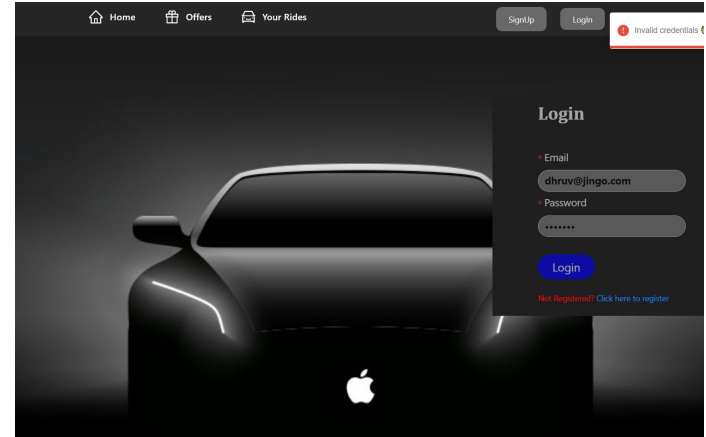
The screenshot shows a web application interface with a dark theme. The top navigation bar includes links for Home, Offers, and Your Rides, along with Sign Up and Login buttons. The main content area features a large image of a car with an Apple logo on the front. On the right side, there is a 'User Registration' form. The form contains the following fields and feedback:

- Username:** 'Dhruv Verma' (valid input).
- Mobile Number:** '998833221' (invalid input, with a red error message: 'Please enter a valid mobile number').
- Email:** 'dhruv@jingo' (invalid input, with a red error message: 'Please enter a valid email').
- Password:** '*****' (valid input).
- Confirm Password:** '*****' (invalid input, with a red error message: 'Password does not match').

Below the password fields, there is a checkbox for 'Agree to our Terms and Conditions' and a 'Register' button. At the bottom of the form, there is a link: 'Already Registered? Click here to login'.

OUTPUT :

Post submission the input credentials will be matched with that of on the database and then the user will be shown a error message depicting a negative response and user will be recommended to fill the credentials again .

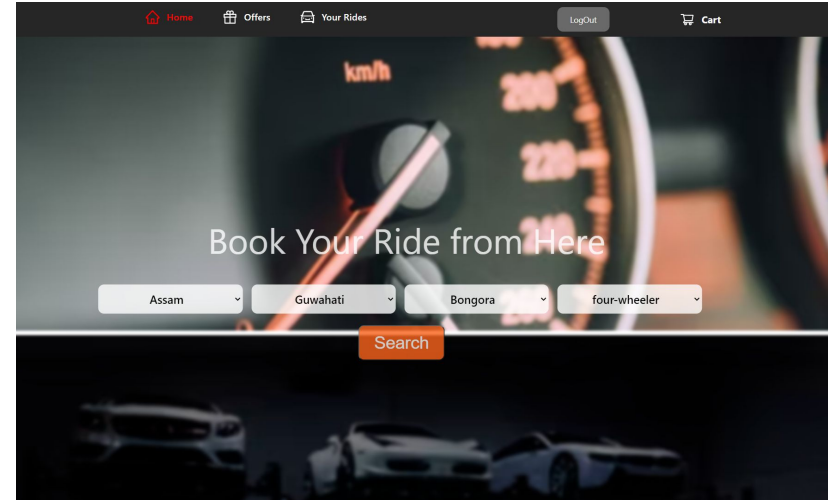


- Search Testing :

(i) For Valid Inputs :

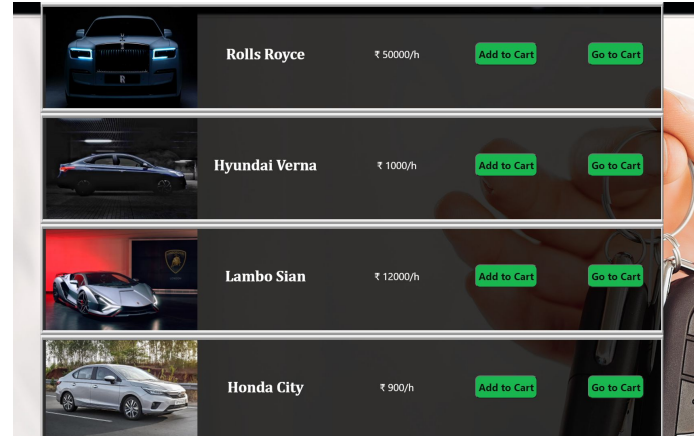
INPUT :

When user fill up the all the the given fields in the search bar properly.



OUTPUT :

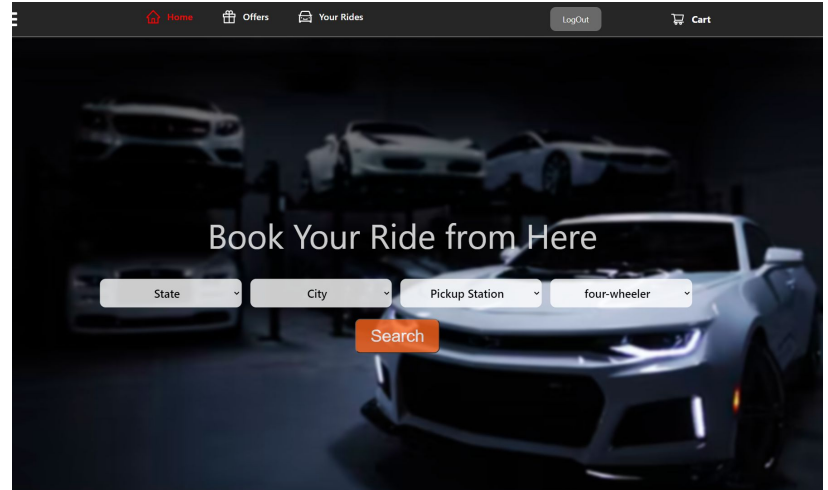
Post submission the input search details will be matched with that of on the database and then the user will be shown the requested list of vehicles and from here only the user can select any vehicle of his/her choice by clicking on addToCart button and can finally visit the cart by clicking the goToCart button .



(i) For Invalid Inputs :

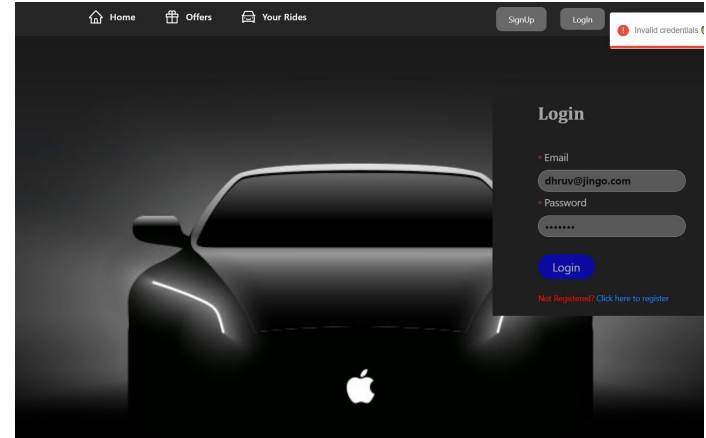
INPUT :

When the user left out
filling some of the fields .



OUTPUT :

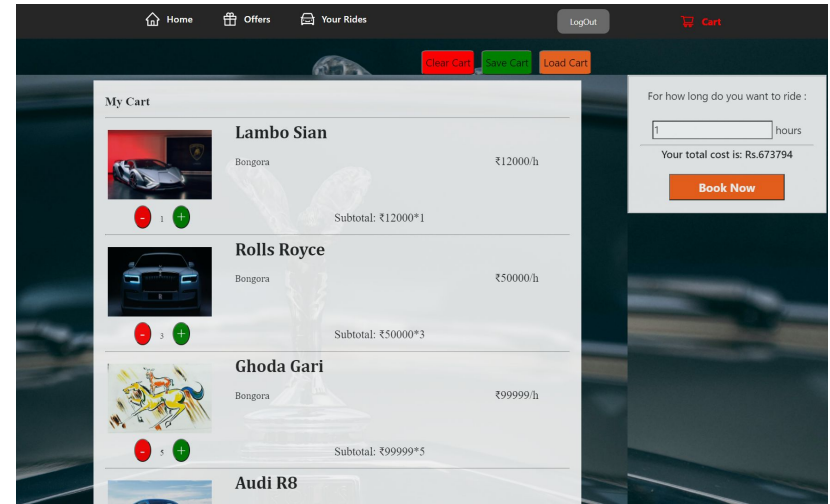
Post submission the null input won't get matched with any items on the database and hence the user will be displayed an empty list .



- Cart Testing :

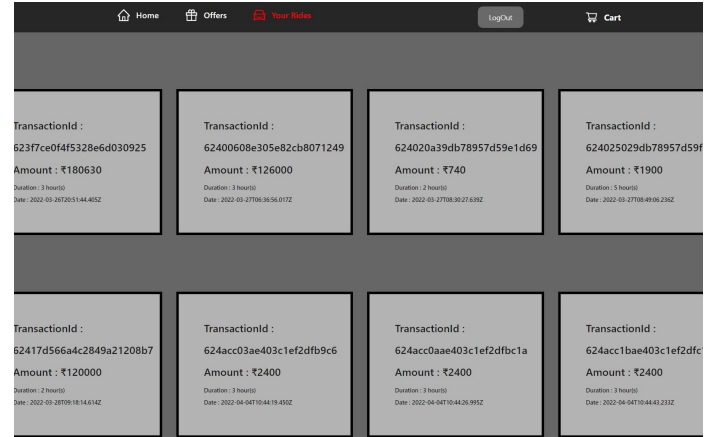
INPUT :

After the user is done with his/her manipulation of the cart i.e. the item and its quantity and selecting for number of hours he wanted to book ,he will click on the BookNow button .



OUTPUT :

Post submission and successful payment the user will get directed to the YourRides/transaction page where he/she will be able to fetch all his/her past transaction details .



The screenshot displays a web application interface for 'Your Rides'. The top navigation bar includes links for Home, Offers, Your Rides (highlighted), Log Out, and Cart. The main content area is a grid of eight transaction cards, arranged in two rows of four. Each card contains the following information: TransactionId, Amount, Duration, and Date.

TransactionId	Amount	Duration	Date
623f7ce04f5328e6d030925	₹180630	3 hours	2022-03-28T05:51:44.452Z
62400608e305e82cb8071249	₹126000	3 hours	2022-03-27T08:36:56.072Z
624020a39db78957d59e1d69	₹740	3 hours	2022-03-27T08:30:27.638Z
624025029db78957d59f	₹1900	5 hours	2022-03-27T08:48:06.238Z
62417d566a4c2849a21208b7	₹120000	2 hours	2022-03-28T09:18:14.452Z
624acc03ae403c1ef2dfb9c6	₹2400	3 hours	2022-04-04T10:44:19.452Z
624acc03ae403c1ef2dfbc1a	₹2400	3 hours	2022-04-04T10:44:19.452Z
624acc1bae403c1ef2dfc	₹2400	3 hours	2022-04-04T10:44:19.452Z

Contributions




➤ Shivendra Giri (Roll No. - 1901189) :

- ✓ FrontEnd Lead of our application :
- ✓ Designed whole css of our application .
- ✓ Worked on react js for developing various react components .
- ✓ Worked on form validation of forms developed using antd used in our application.



➤ Priyam(1901146) and Rishav(1901159) :

- ✓ Backend Lead of our application :
 - ✓ Designed whole Backend of our application using Node JS and Express JS.
 - ✓ Created MongoDB cloud database(Atlas) and its various schemas like User, Vehicle, Feedback Schemas using Mongoose framework .
 - ✓ Worked on React js for developing Search and Cart functionalities which are linked with the backend .
 - ✓ Created link between frontend and backend of the application using router of Express JS.
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Thank You !

