Project Scanerio

1. Set Up the Project

- Create a new ReactJS project. Set up the folder structure, including a src/apiagents folder where you will store your mock API data.

2. Create the API Agents

- In the apiagents folder, create a file where you will hardcode data in the form of an array of objects.
- Write async functions that simulate API calls by returning this hardcoded data after a delay.
- Export these functions for use in other parts of the project.

3. Set Up Components

- Create multiple React components to display the data.
- Use useEffect in your components to call the async functions from the API agents and store the returned data in the component's state.
- Make sure to pass the fetched data as props to child components for display or further processing.

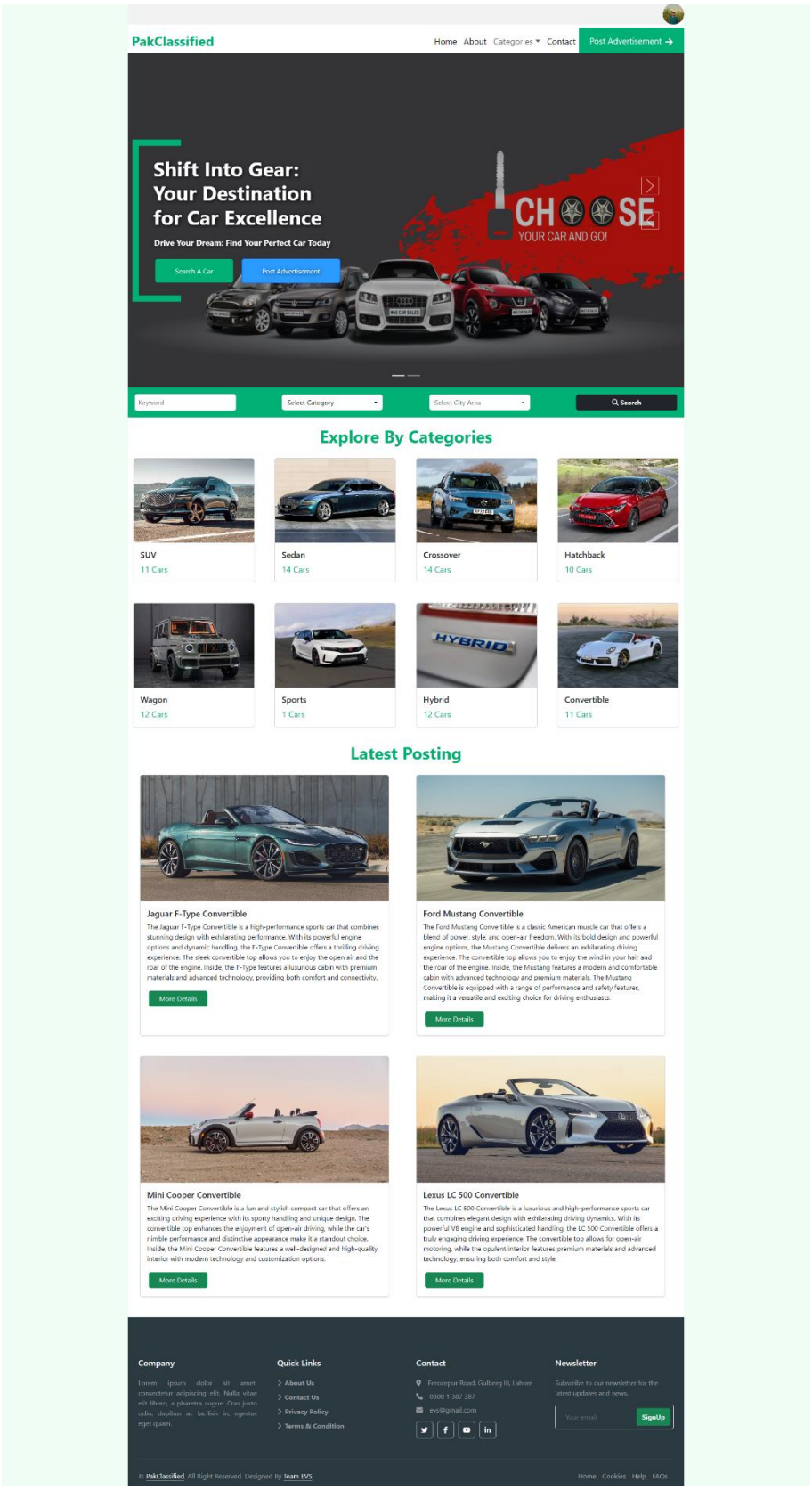
4. Manage State

- Use useState to manage the data in the components.
- Ensure that data is fetched and updated correctly when the component mounts.

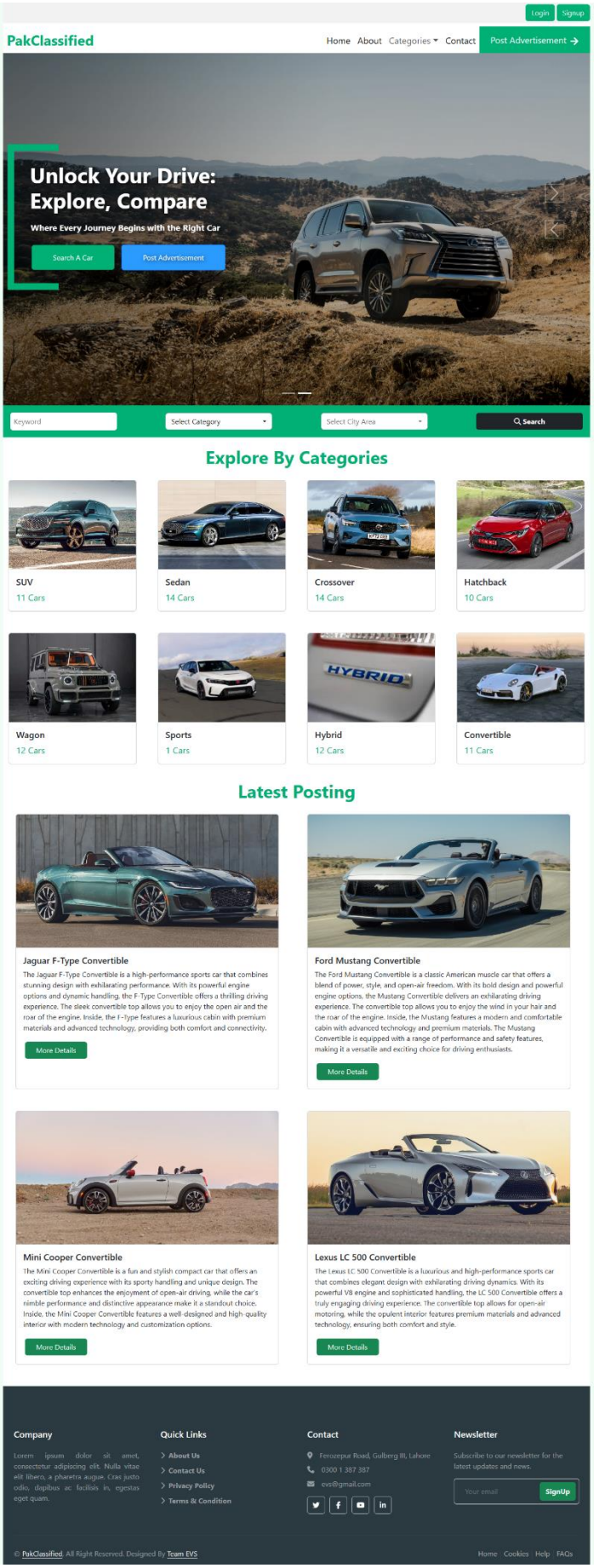
5. Implement Prop Passing

- Pass data between parent and child components using props.
- Structure your components to ensure data flows properly, demonstrating an understanding of how props work in React.

Home Screen with user Login:

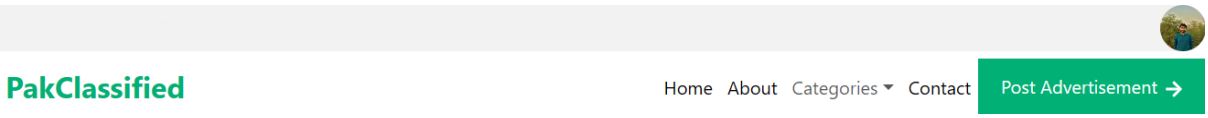


Home Screen without Login



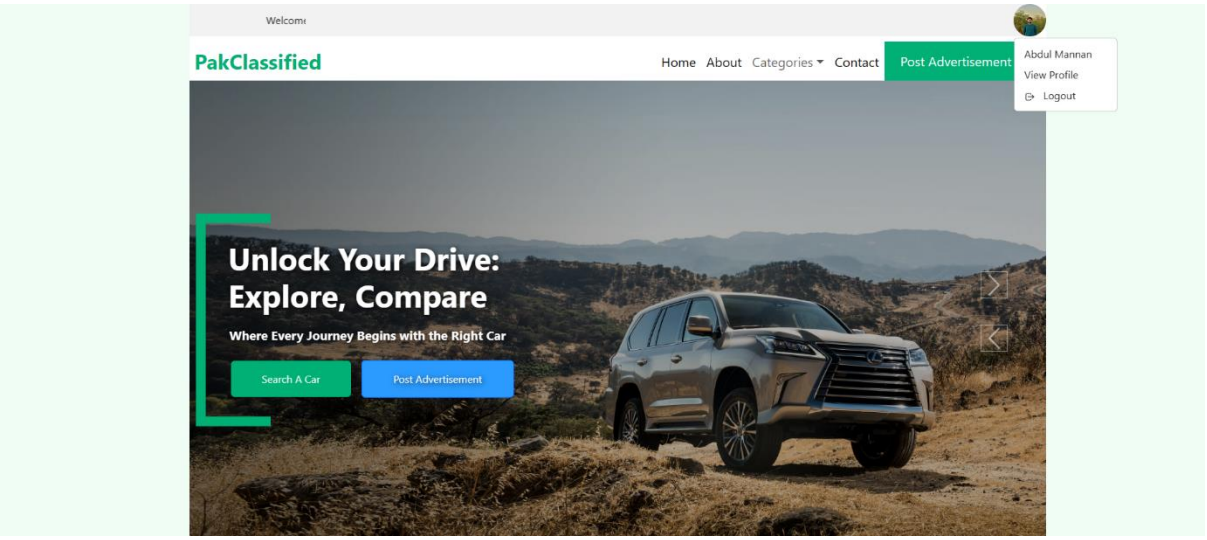
Component-1(Navbar)

In the navlink it contains the categories section which we are fetching form the api the function will call on click and it will show in a dropdown



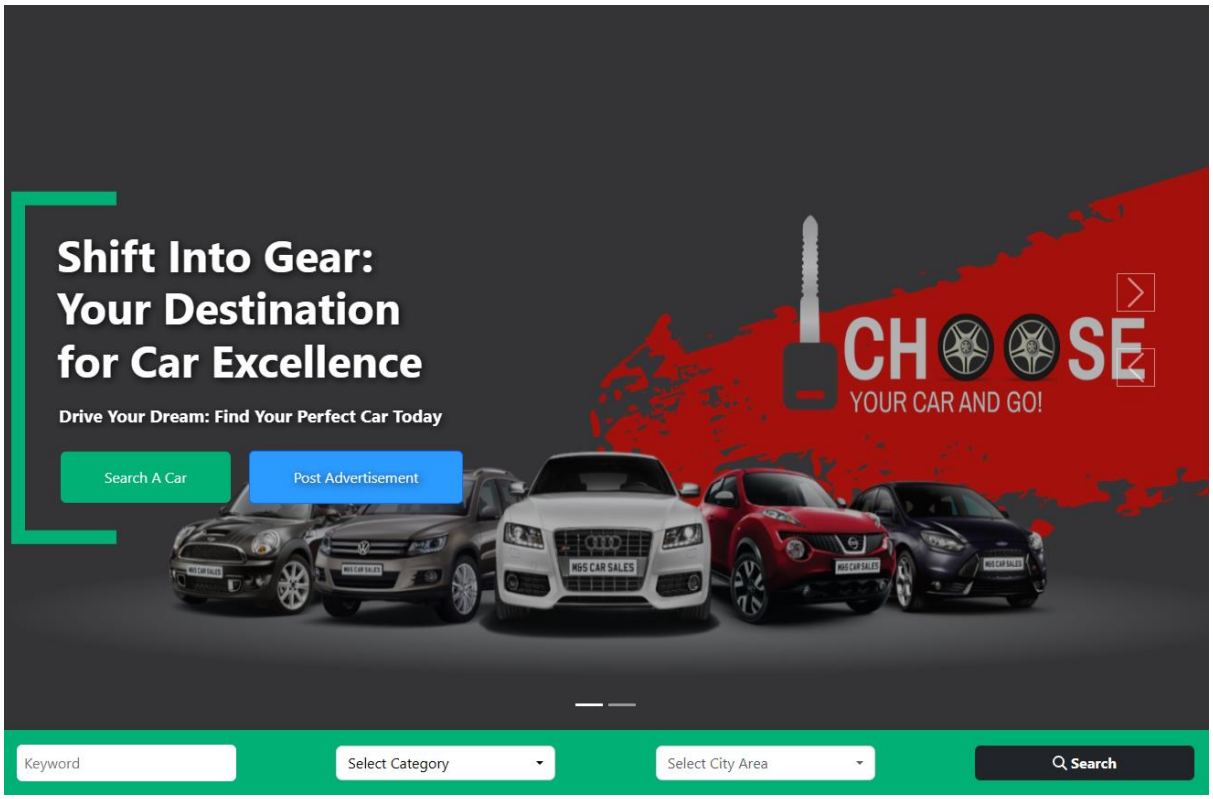
(Navbar…)

By clicking on the user profile icon it will show some options as a dropdown which will be used to logout the user and show the user profile page



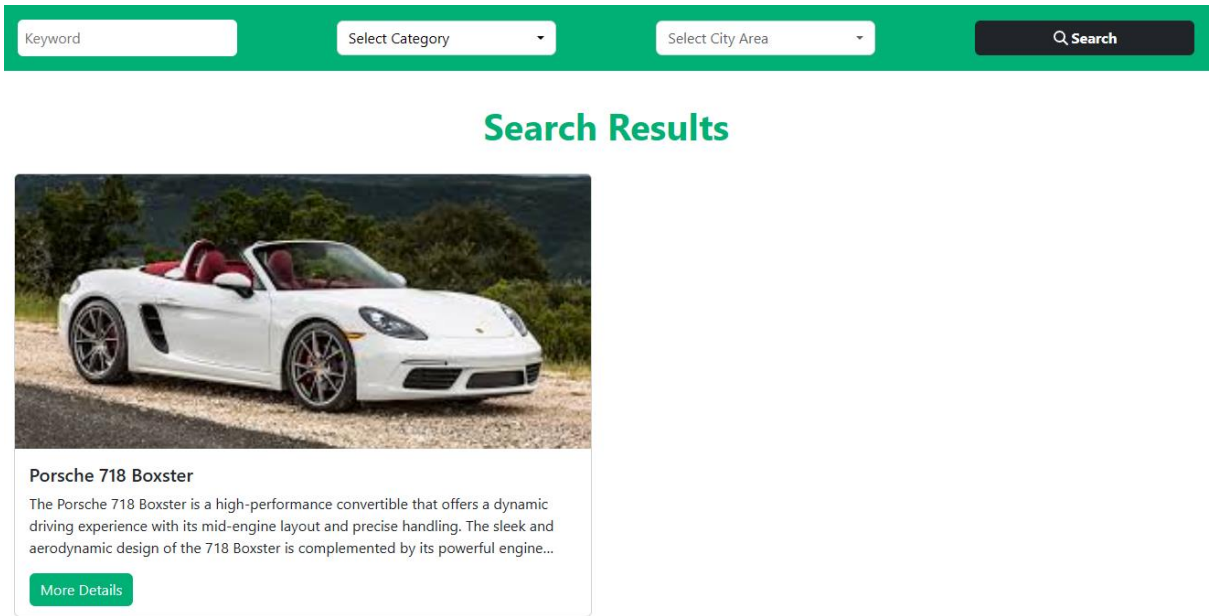
Component-2(Carousel)

The carousel component contains two buttons one search advertisement on click on the show advertisement it will move the search bar which is place below the carousel



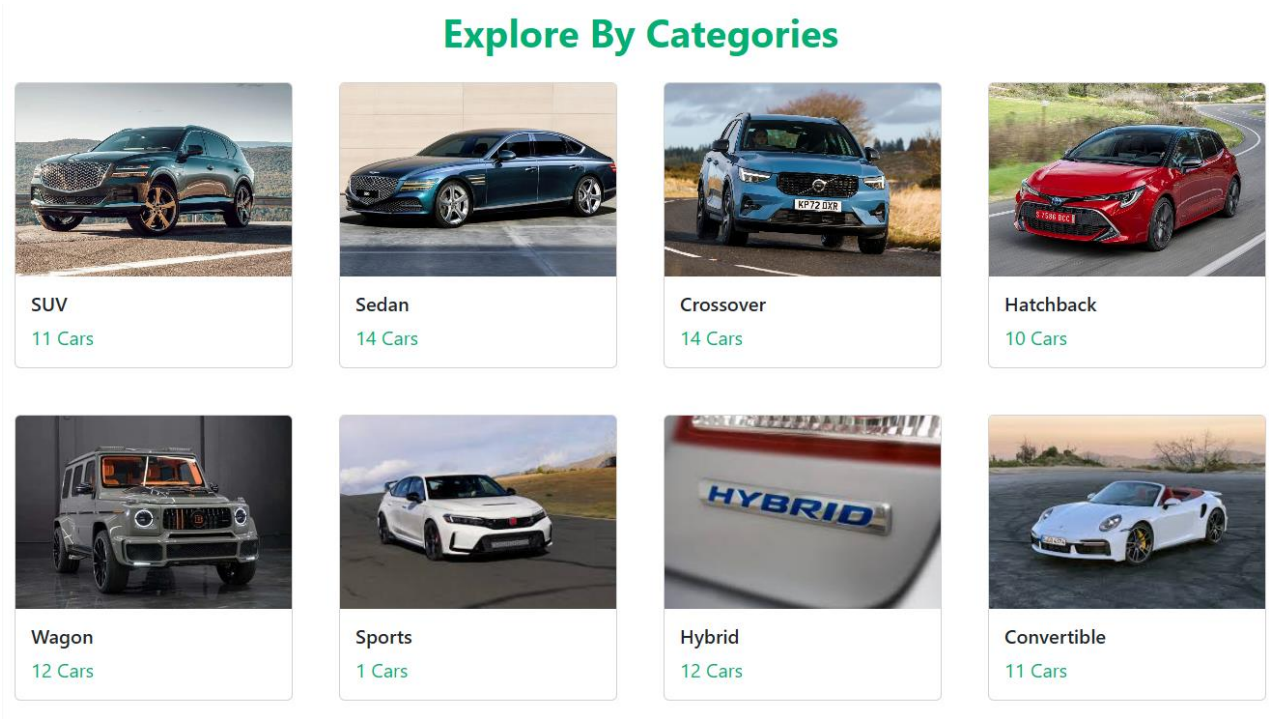
Component-3 (Search with carousel component)

It uses the bootstrap collapse component to whow the result on click the more detiaos button it will redirect to card-details component. Ther will be three options to search on the basis of name on the basis of category on the basis of city are we can use this together and alos we can use one of any seperately like if e want to search on the basis of just keyword then it will just take the keyword value from the user and show data. Alos all the category will be shown in the searchbar componet will be fetched from the databse it will also allow the user to search only on the basis of the category in the last the city area will also be fetched from the databse and it will allow the user to filter only those results on the basis of the that city area and when the user press it the search button it will show all the advertisement



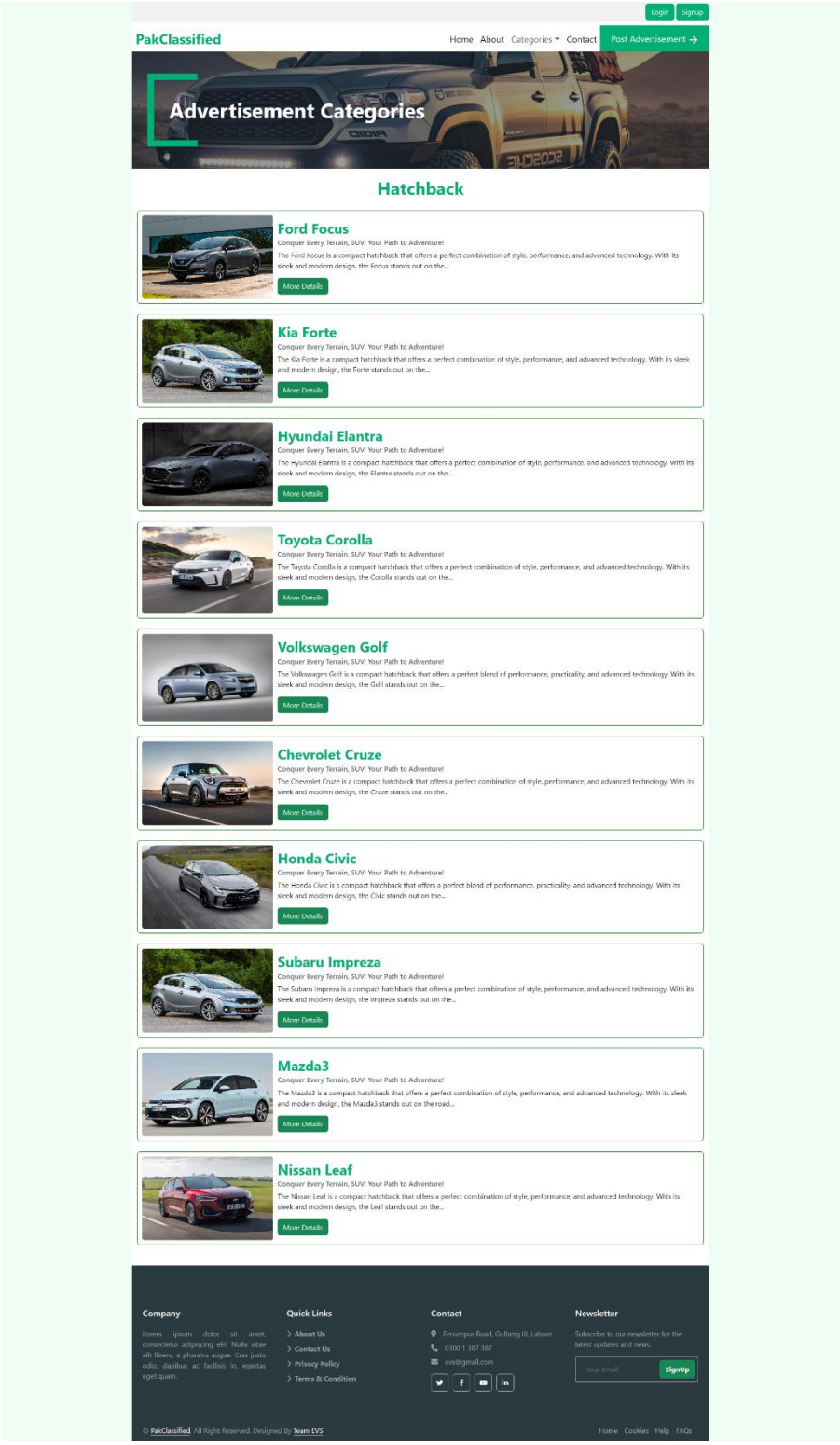
Component-4(Categories)

It contains cards of each category by click on a specific category it will redirect to the category's component in which all the cars of that category will be shown. Also, there is a filter how many cars are there in the database of each category.



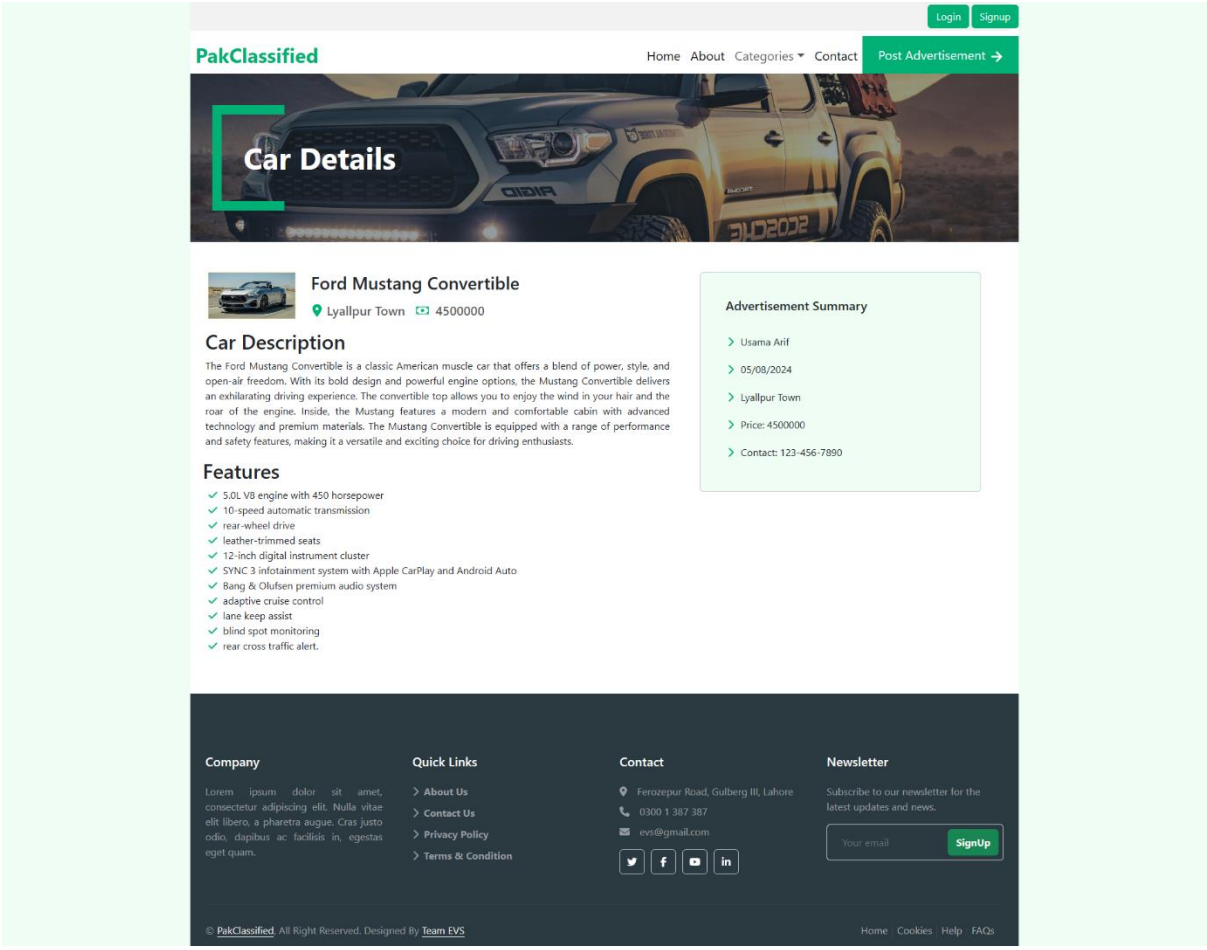
Component-5(Categories Component)

Upon clicking on the category it will redirect to the advertisement categories below is the demo example



Component-6 (Car Details)

By clicking on the more details button which is showing in categories section it will redirect to this component which is car details mentioned below



Component-7(Latest Post)

It will show the latest posted advertisement in the database based on the date

Latest Posting

Jaguar F-Type Convertible

The Jaguar F-Type Convertible is a high-performance sports car that combines stunning design with exhilarating performance. With its powerful engine options and dynamic handling, the F-Type Convertible offers a thrilling driving experience. The sleek convertible top allows you to enjoy the open air and the roar of the engine. Inside, the F-Type features a luxurious cabin with premium materials and advanced technology, providing both comfort and connectivity.

More Details

Ford Mustang Convertible

The Ford Mustang Convertible is a classic American muscle car that offers a blend of power, style, and open-air freedom. With its bold design and powerful engine options, the Mustang Convertible delivers an exhilarating driving experience. The convertible top allows you to enjoy the wind in your hair and the roar of the engine. Inside, the Mustang features a modern and comfortable cabin with advanced technology and premium materials. The Mustang Convertible is equipped with a range of performance and safety features, making it a versatile and exciting choice for driving enthusiasts.

More Details

Mini Cooper Convertible

The Mini Cooper Convertible is a fun and stylish compact car that offers an exciting driving experience with its sporty handling and unique design. The convertible top enhances the enjoyment of open-air driving, while the car's nimble performance and distinctive appearance make it a standout choice. Inside, the Mini Cooper Convertible features a well-designed and high-quality interior with modern technology and customization options.

More Details

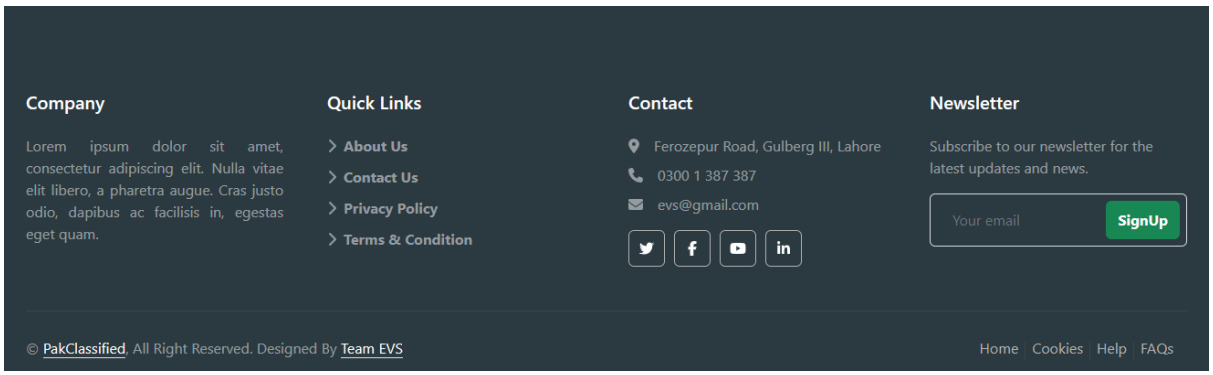
Lexus LC 500 Convertible

The Lexus LC 500 Convertible is a luxurious and high-performance sports car that combines elegant design with exhilarating driving dynamics. With its powerful V8 engine and sophisticated handling, the LC 500 Convertible offers a truly engaging driving experience. The convertible top allows for open-air motoring, while the opulent interior features premium materials and advanced technology, ensuring both comfort and style.

More Details

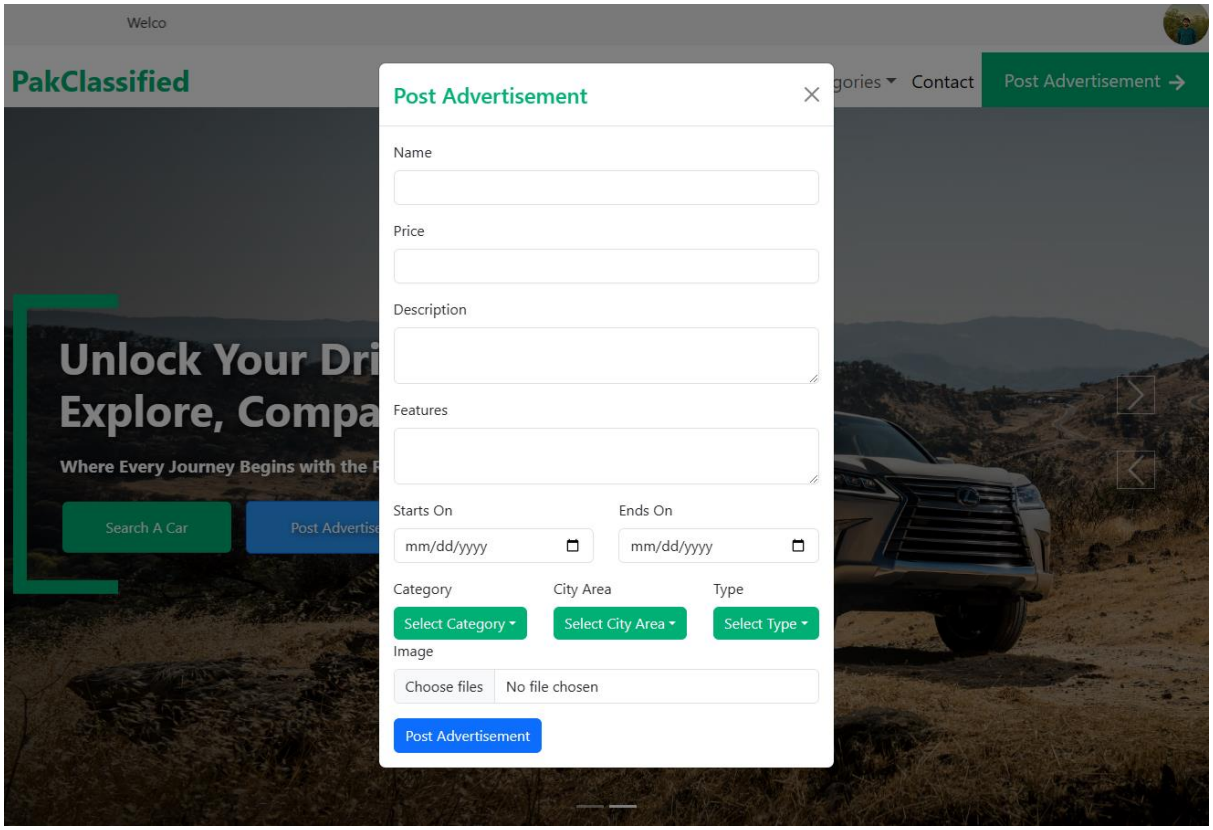
Component-8(Footer)

It will contain the data about the company and some links



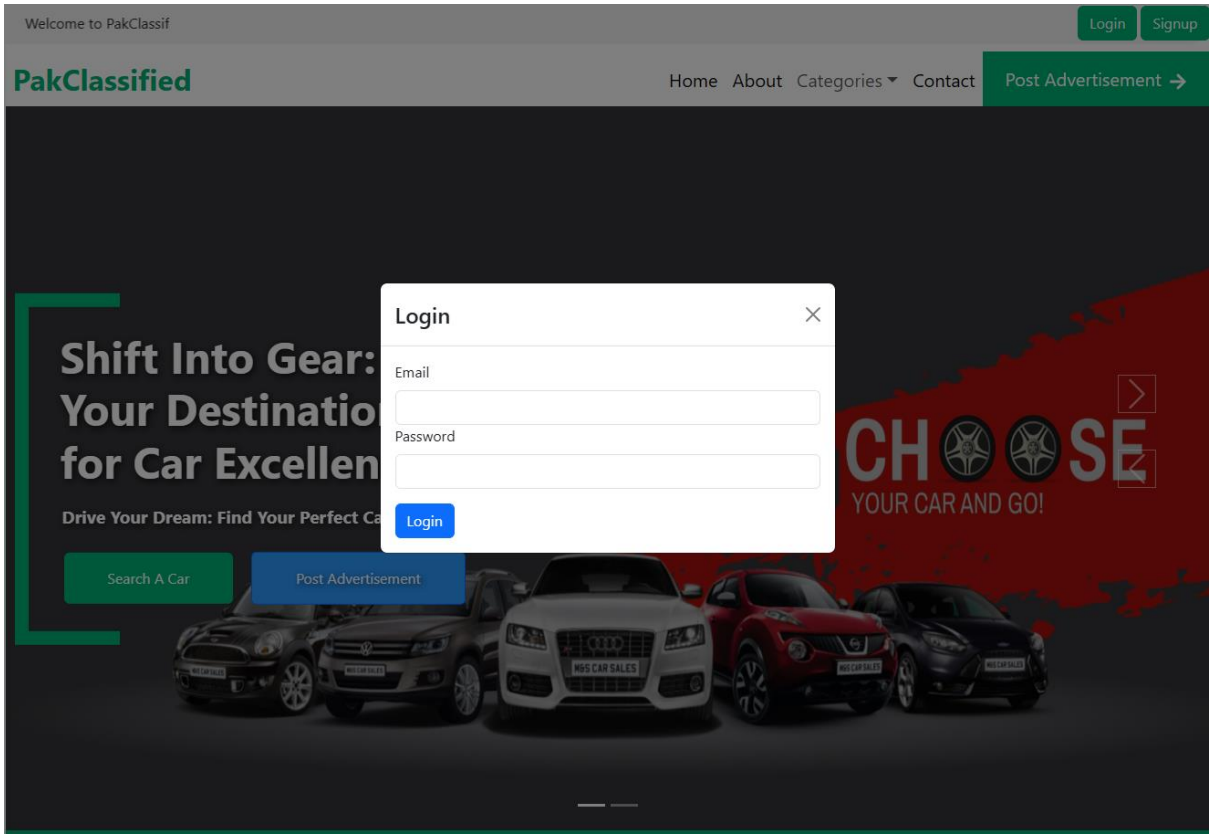
Component-9(Post Advertisement Form)

By clicking on the post advertisement button which is showing in the carousel and in the navbar it will opens up a bootstrap modal with a post advertisement form



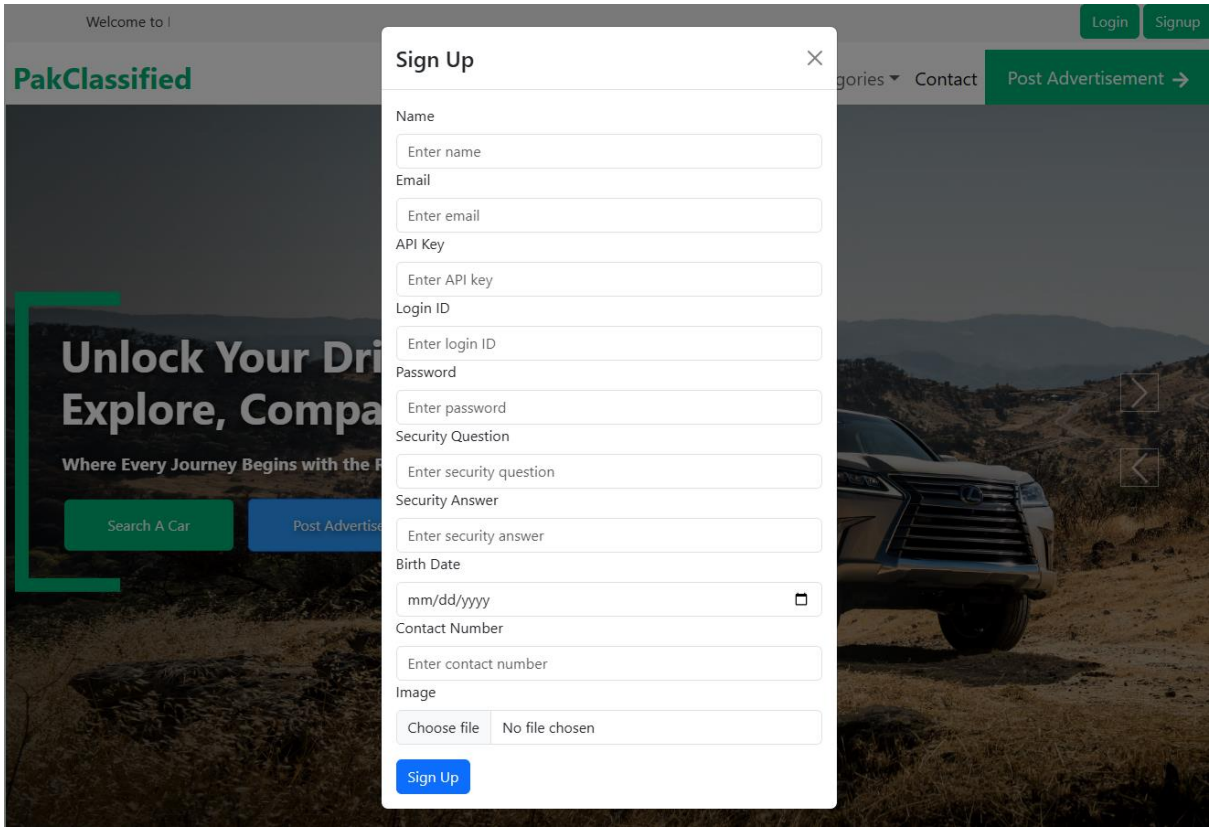
Component-10(User Login Form)

By clicking on the login button which is showing in the navbar and in it will opens up a bootstrap modal with a login form.



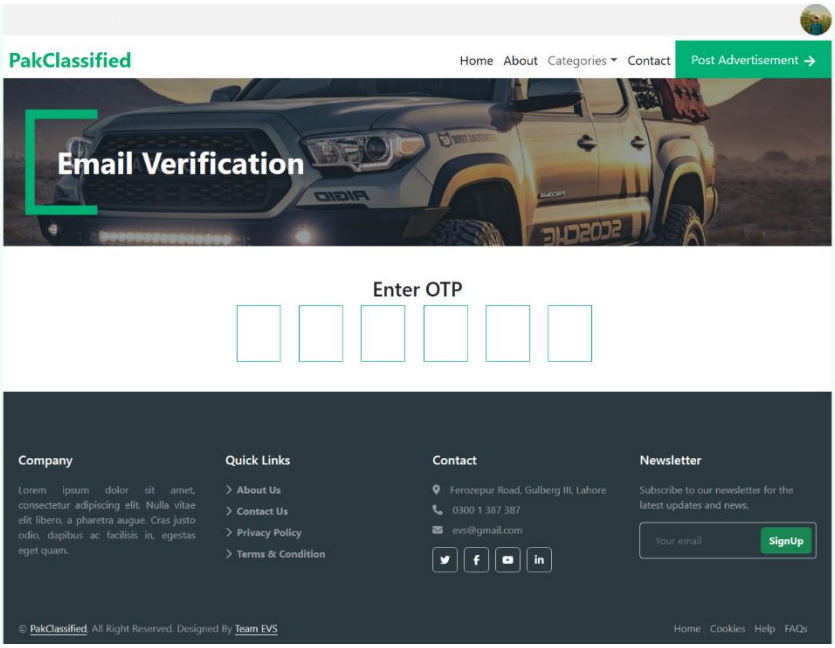
Component-11(User Sign Up Form)

By clicking on the login button which is showing in the navbar and in it will opens up a bootstrap modal with a Sign-Up form. When the user fills the signup form it will send a verification email to the user given email address and then it will redirect to the verify Otp component where the user will enter the otp which will be sent to the user email address

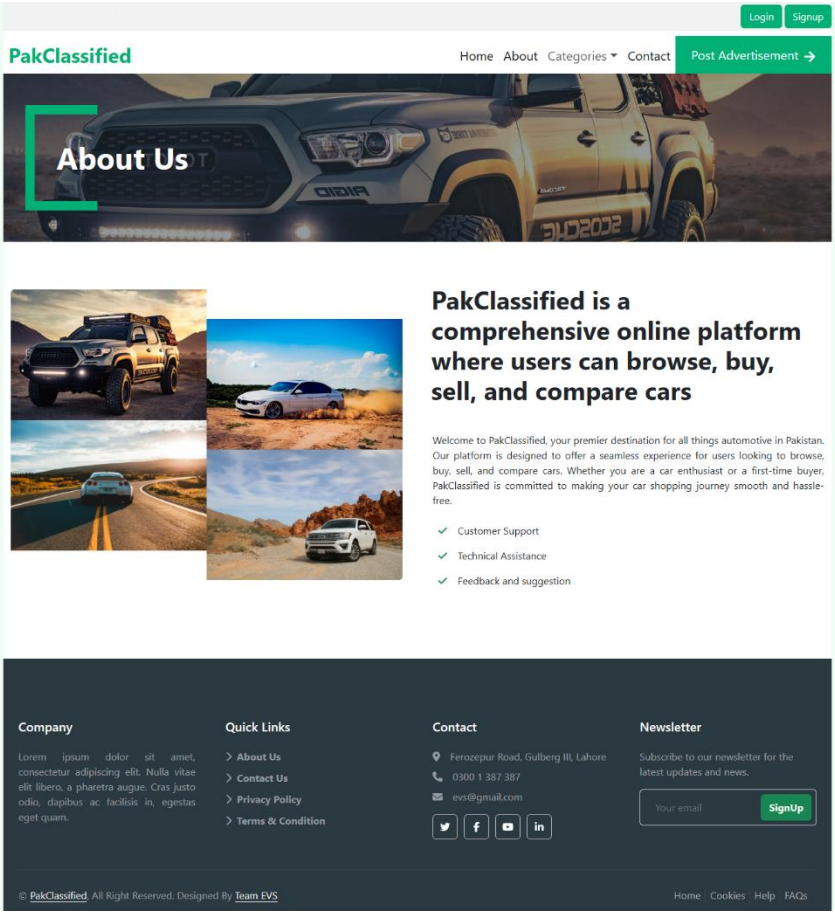


Component-12(Verify User OTP)

After verifying otp it will redirect to the user profile component

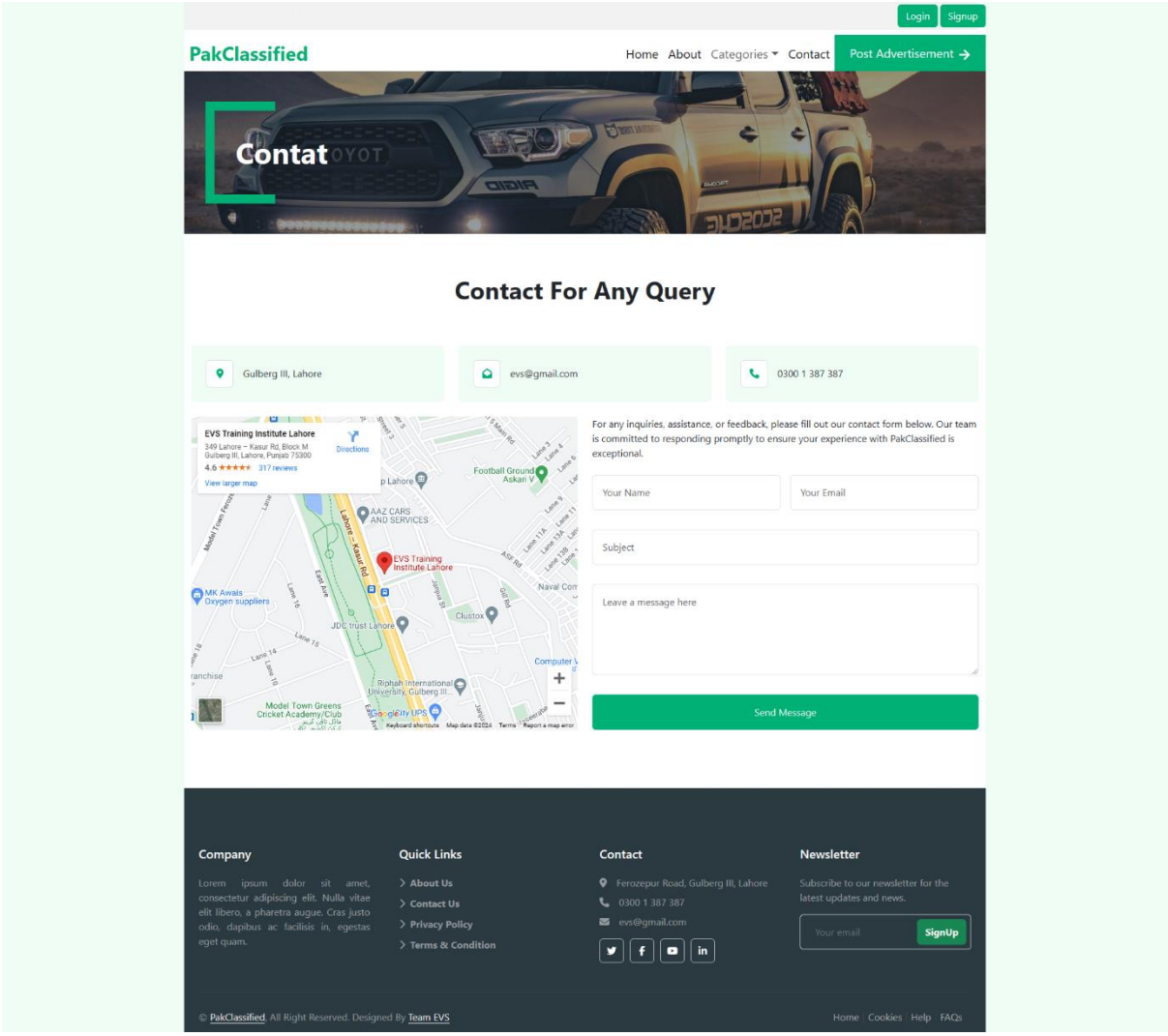


Component-12(About Us)



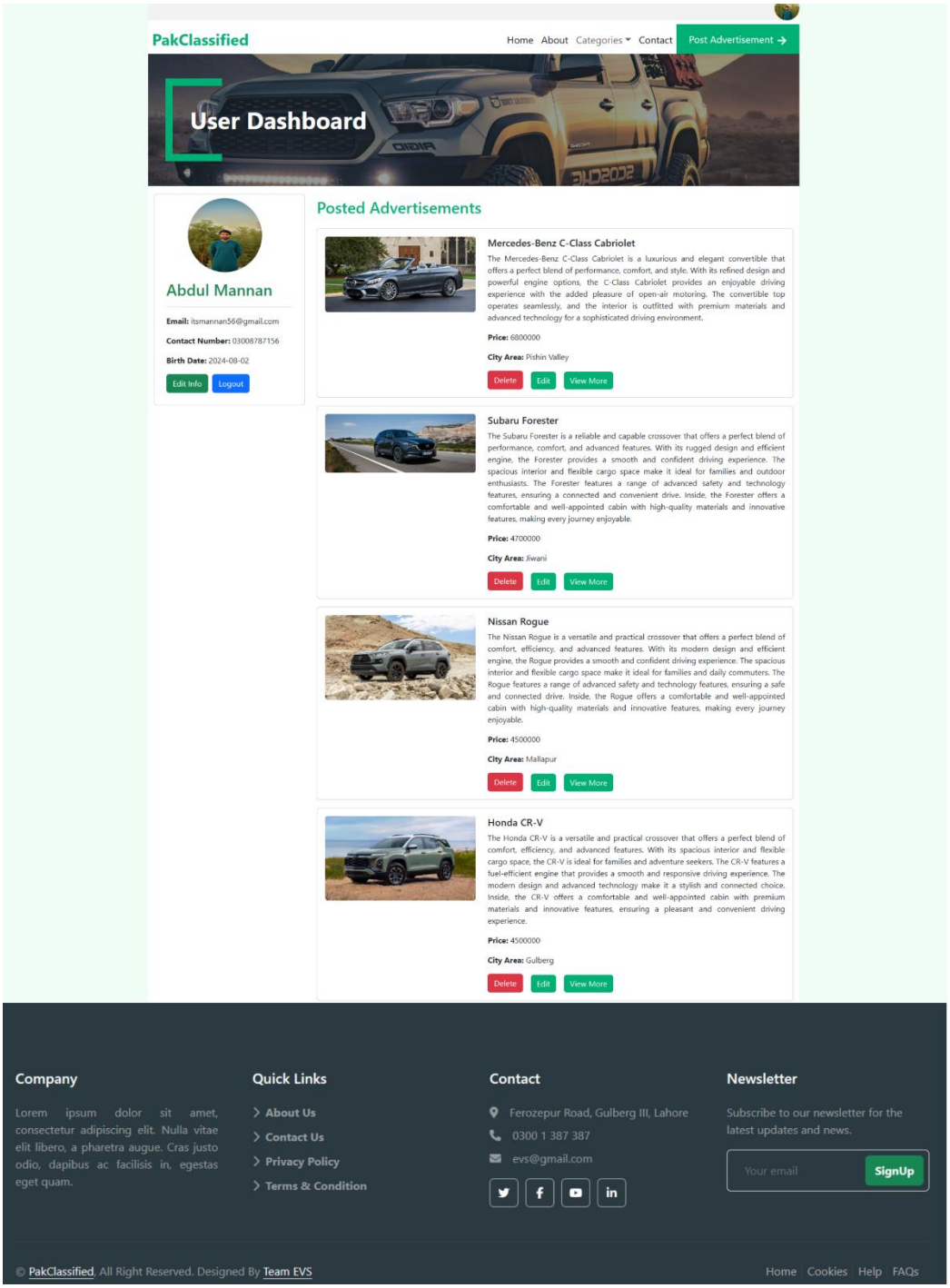
Component-13(Contact Us)

In the contact page the form will be functional upon the submission of the form it will send the mail to preferred mail address which is provided. Also, there is a map embedded in the contact page



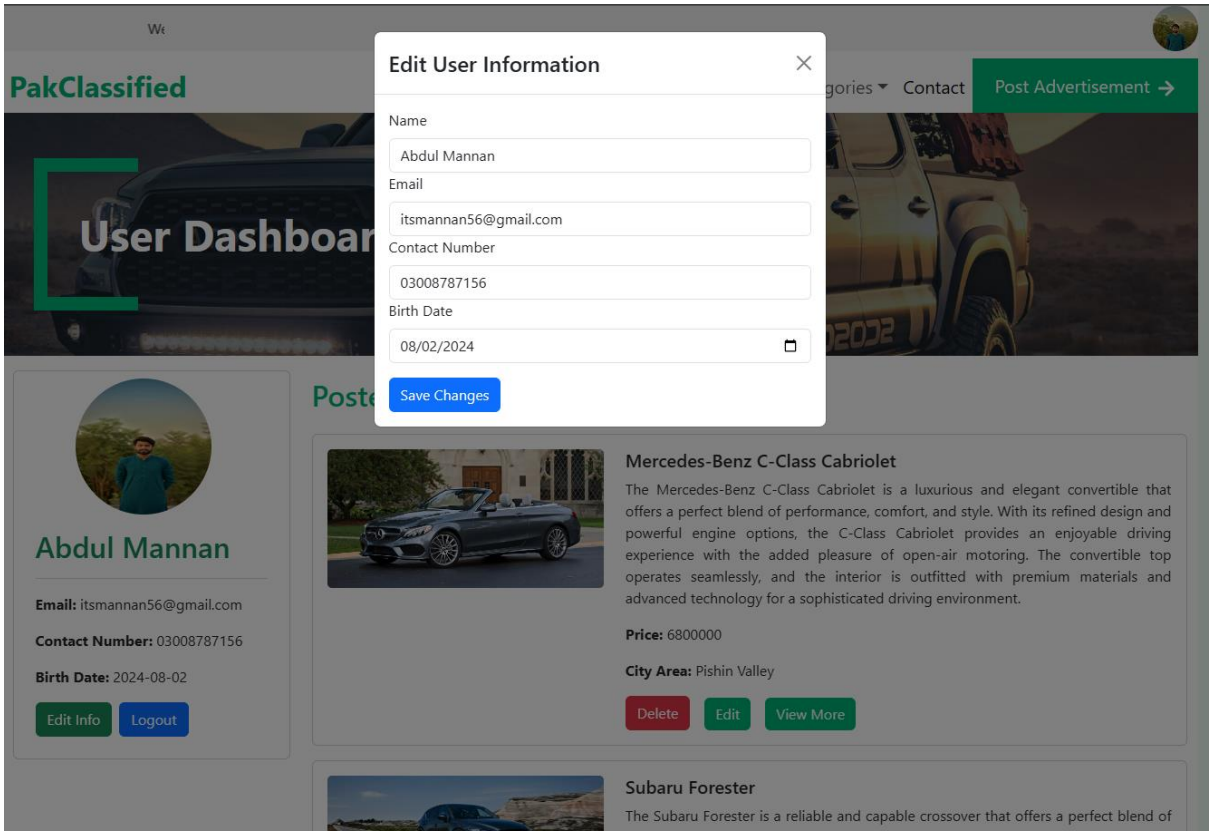
Component-14(User Profile)

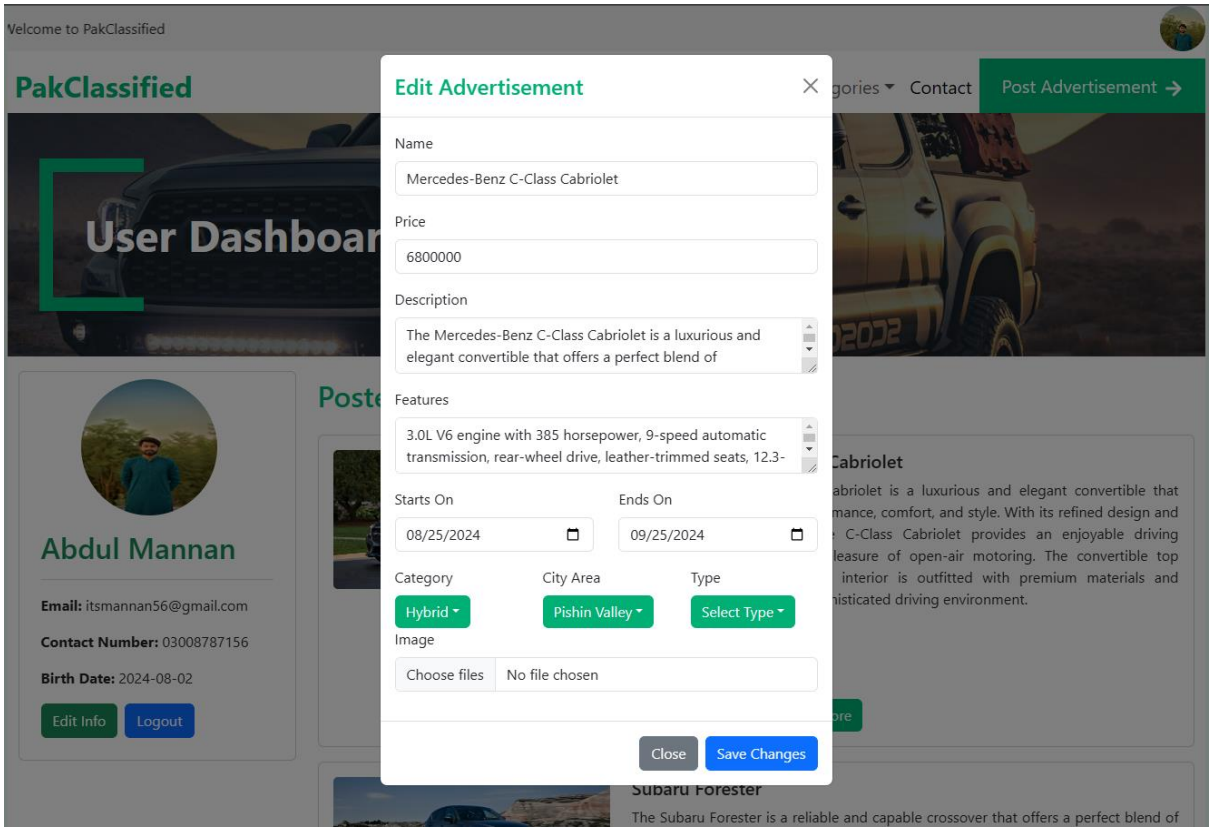
The user profile section will show all the advertisements which is being posted the logged in user. There will be three options to delete the advertisement to edit the advertisement and view the details of the advertisement



Component-15(Edit User Details)

In the user profile section, it will allow the user to edit the user profile details



Component-16(Edit Advertisement)

In the user profile on clicking on the edit button it will opens up a bootstrap model with a form it will allow the user to edit the posted advertisement