



**BIKERSPLANET**  
PG-DAC MARCH 2023

Documentation On

**“BIKERSPLANET”**

**Guided By: Bakul Joshi**

**Submitted By:**

Group No: 6

- |                                 |              |
|---------------------------------|--------------|
| • Pareshsinh Umeshsinh Chandel  | 230343020020 |
| • Manishkumar Tulshiram Madavi  | 230343020051 |
| • Nikhil Rangnath Gode          | 230343020062 |
| • Dhananjay Jagdish Surkutlawar | 230343020092 |

- **Table of Contents**

<b>1. Introduction .....</b>	<b>3</b>
<b>2. Business Requirements Overview .....</b>	<b>4</b>
<b>3. Functional Requirements Overview.....</b>	<b>6</b>
<b>4.Non-Functional Requirements Overview .....</b>	<b>8</b>
<b>5. Use Case Diagram .....</b>	<b>9</b>
<b>6.ER-Diagram.....</b>	<b>12</b>
<b>7.Snapshots.....</b>	<b>..13</b>

# **1.Introduction:**

## **Document Purpose:**

This document communicates the business requirements and scope for developing Bikers Planet. The scope of this document is to define the functional and non-functional requirements, business rules and other constraints requirements.

## **Project Background:**

In today's busy world everyone is in rush and want to reach at their destination in short time. By using vehicle, we can go anywhere we want; and if we have our own private vehicle, it becomes more suitable. Buying best bike as per their requirement is very hard for many people as they don't know many features and sometimes it's hard for them to visit each and every showroom because of busy schedule. So, to overcome such problem BIKERPLANET comes handy. Bikers Planet was initiated to address the challenges faced by customers in choosing a bike that meets their specific requirements. With a wide range of bike options available, customers often struggle to find the right bike based on factors such as company name, budget, and engine displacement. The purpose of this website is to compare bikes features, to look at different color options and also to find nearest bike showroom.

## **Goals of the Project:**

Bikers Planet website designed to assist customers in choosing a bike that meets their requirements. The system provides various features to enable efficient and effective searching and comparison of bikes.

Bikers Planet was initiated to address the challenges faced by customers in choosing a bike that meets their specific requirements. With a wide range of bike options available, customers often struggle to find the right bike based on factors such as company name, budget, and engine displacement. The project aims to provide a user-friendly online platform where customers can easily search for bikes and access comprehensive information about each model. Additionally, the system includes a comparison feature to assist customers in making well-informed decisions by comparing the full specifications of two bikes. The BRS project seeks to enhance the customer experience, streamline the bike selection process, and promote efficient and effective searching.

## **Customers & Stakeholders**

Customers:

- Customers
- Bike Dealers

Stakeholders:

- Automobile Industry
- Company

## **2.Business Requirement Overview:**

- BikersPlanet is the public web application.
- BikersPlanet will be opened to the global, but in the phase 1, the main target is in the India.
- BikersPlanet provides the functions by which user can select bike wisely.
- BikersPlanet could be maintained by company itself.

## **3.Functional Requirements Overview:**

BikersPlanet consists of four modules described as below.

- Customer Module
- Bike Dealer Module
- Admin Module
- Message Acknowledge Module

### **3.1 Customer Module**

- The system should allow customers to search for bikes based on various criteria, such as company name, budget range, and engine displacement. The search functionality should provide accurate and relevant results to help customers find their desired bike quickly.
- User can register and create his own account.
- BikerPlaneBt allow user to search for a bike based on various criteria such as company name, budget range and engine displacement.
- He is able to filter bikes based on criteria like bike type, comapanyand budget range .
- The user can see detail information about each bike including specification, features, colors and user reviews.
- Customer have one subscription function where they can search more number of bike and they will compare that bike with other N number of time.
- There is also non subscribe customer they allow to compare bikes only 3 times and can search about 10 bikes freely.
- The user gets information about nearest authorize bike dealer.
- The system should incorporate user-generated reviews and ratings for each bike. Customers should be able to access these reviews to gain insights from other bike enthusiasts and make more informed decisions.

### **3.2 Bike Dealer Module**

- The system should allow dealer to give test ride to customer for their desire bike.
- Bike dealer can register and create his own account.

- Dealer can accept the booking for test ride according to their slots which are available.
- Providing more test ride in case of dissatisfactions.

### **3.3 Admin Module**

- Controls the customers as well dealers side.
- Could able to know all the transaction which bike is booked for test ride.

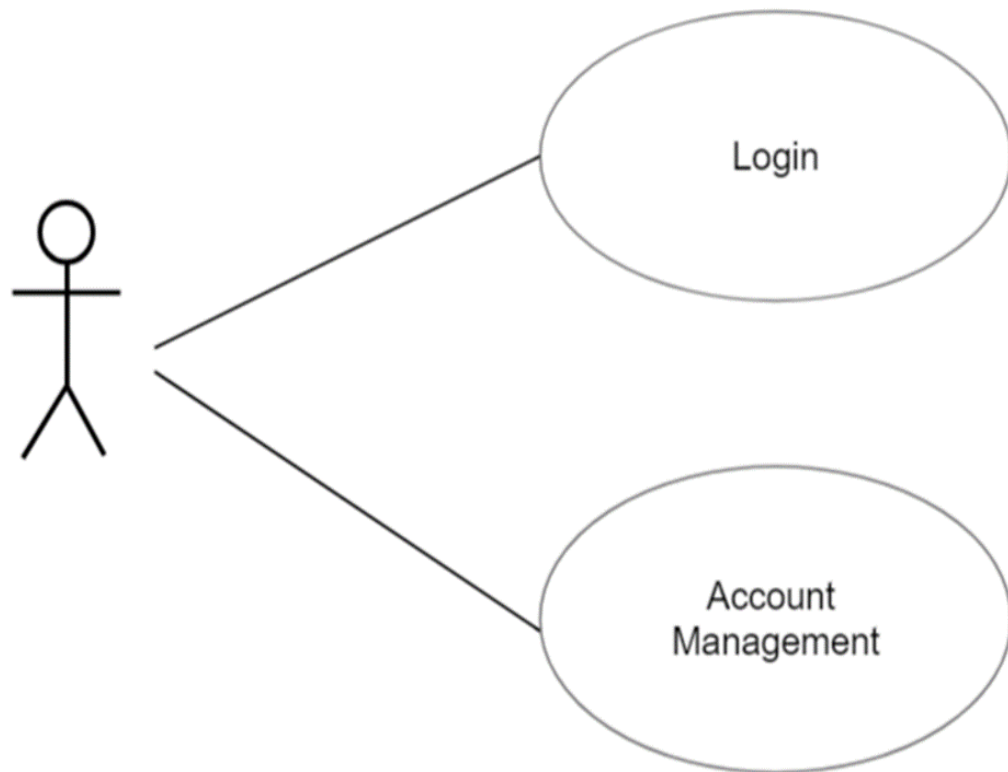
#### **4.Non-Functional Requirements:**

- The website should use professional design, look and feel and color scheme.
- Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence, we will target the system to support between 5 and 10 million users on launch of phase 1.
- Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
- The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.

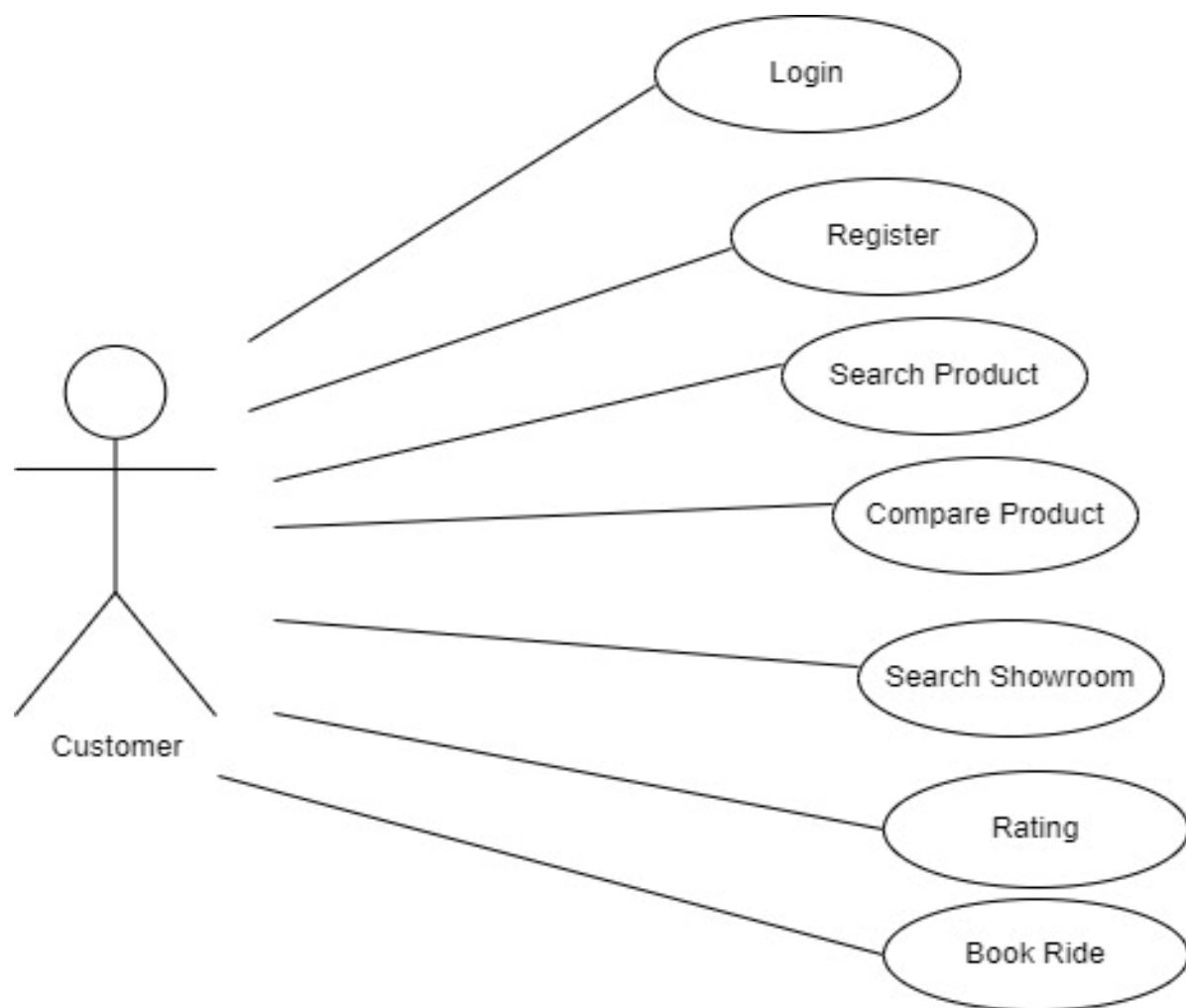


## 5 Use Case Diagram:

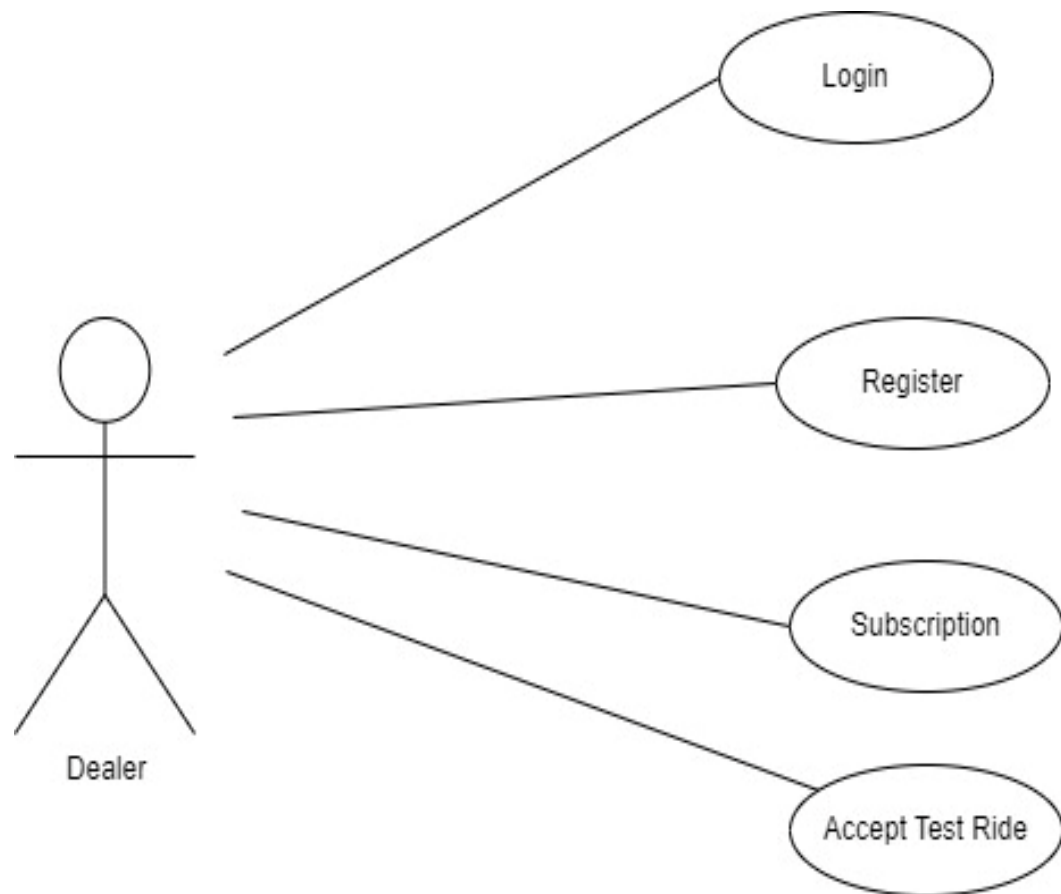
**Admin:-**



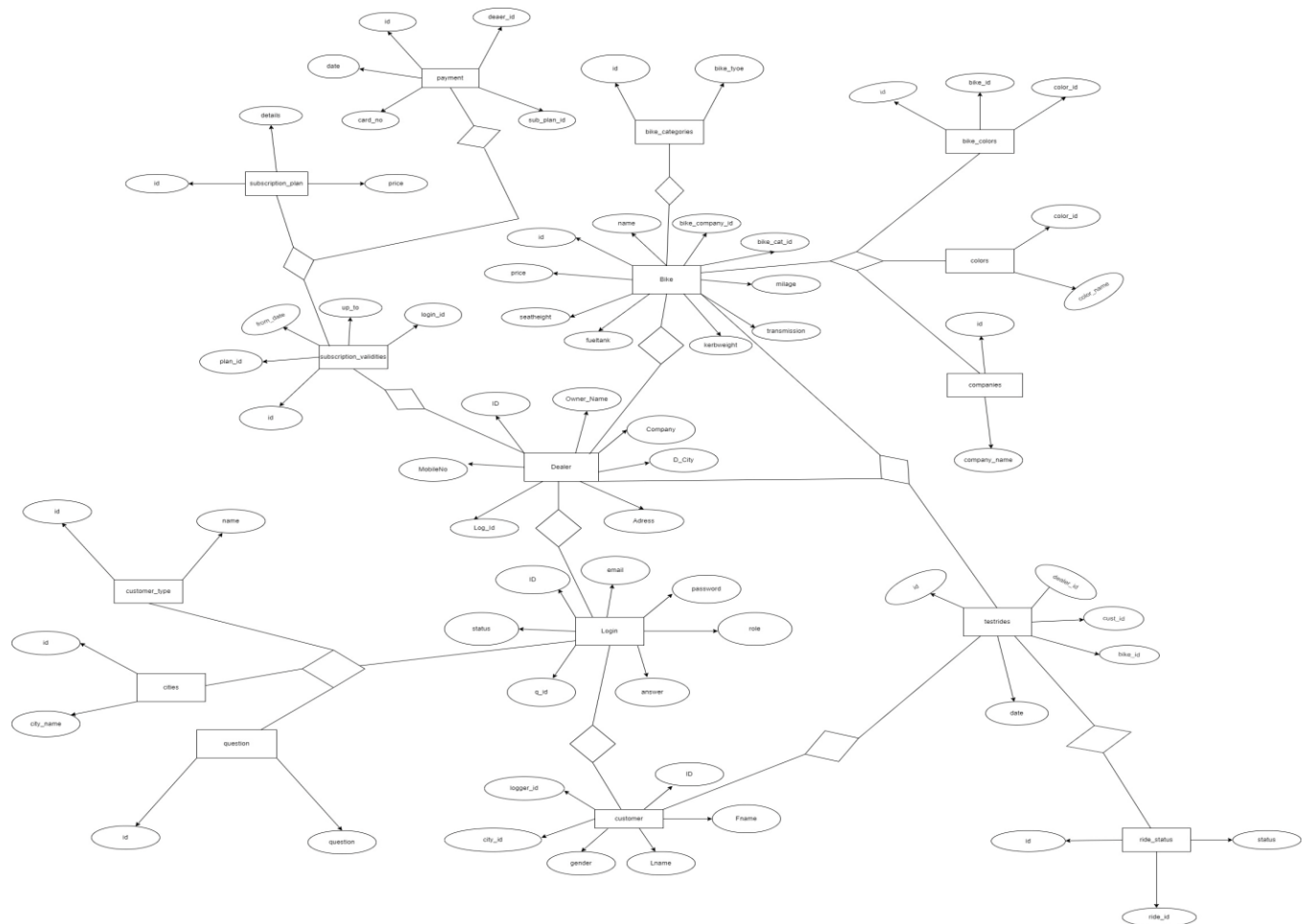
## Customer:-



**Dealer:-**

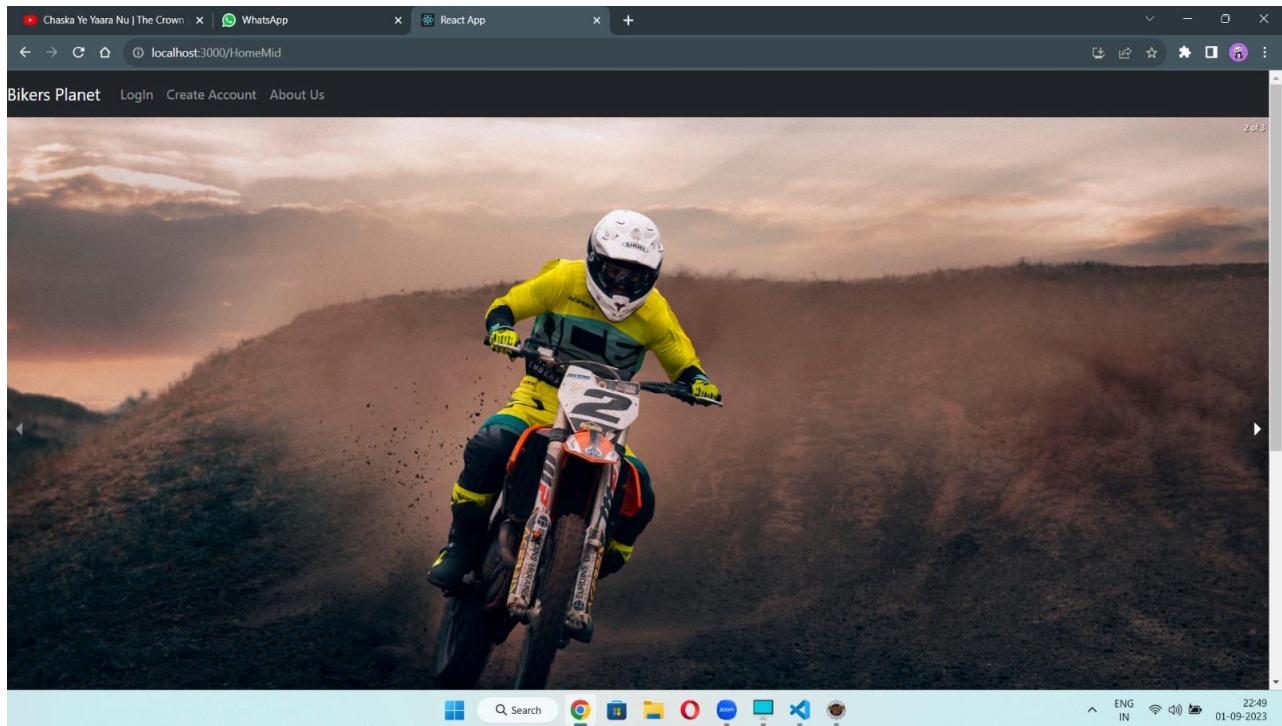


## 6.ER-Diagram



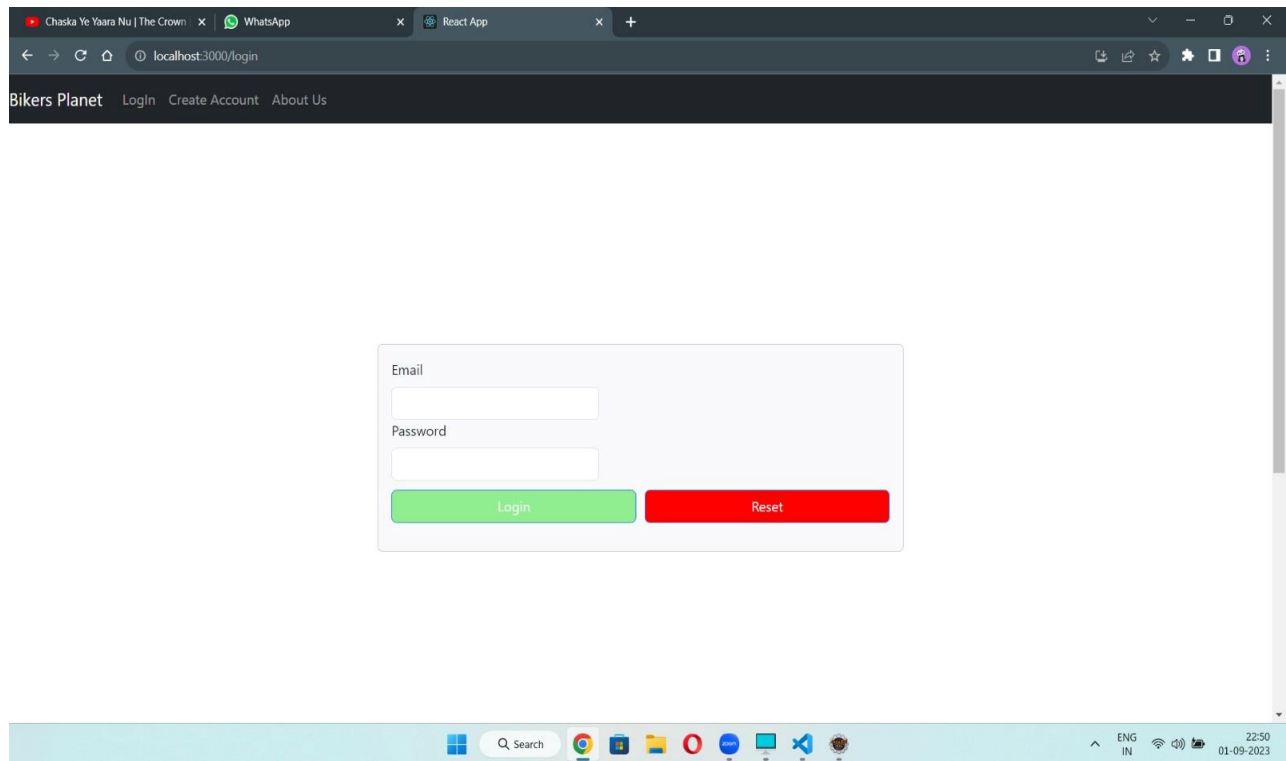
## 7.Snapshots:

### 1)Home Page



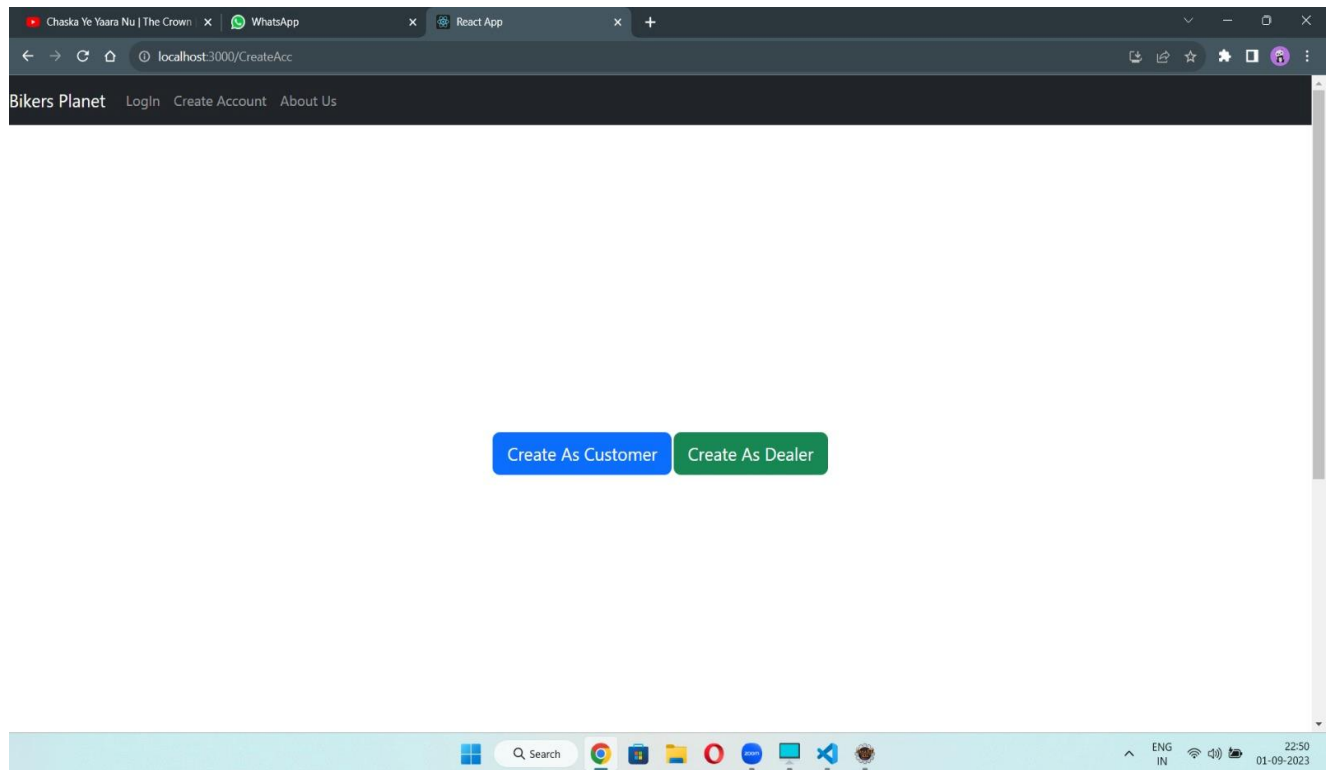
This user page where user can see some option Login, Create Account, About us.

## 2)Login



This Login Page where user, dealer can login to their account. By entering correct email and password each can to their specific page.

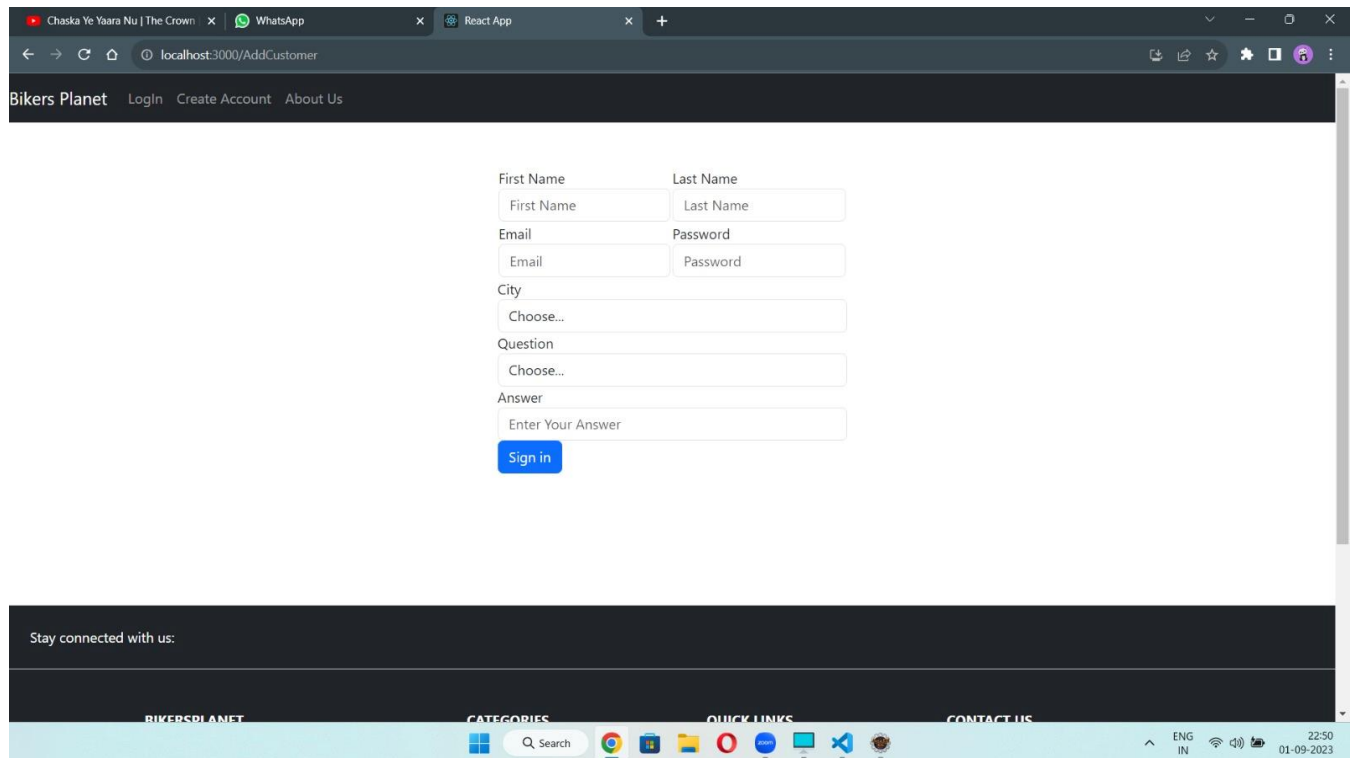
### 3)Create Account:



Here if user don't have an account he can create one as per his purpose. If he want to create account as Customer he can select button 'Create As Customer' or if he want to create account as dealer the he can choose 'Create as Dealer'.

#### 4)Create Account:

As a Customer-



The screenshot shows a web browser window with the address bar displaying 'localhost:3000/AddCustomer'. The page has a dark header with the 'Bikers Planet' logo and navigation links for 'Login', 'Create Account', and 'About Us'. The main content area contains a registration form with the following fields:

- First Name (text input)
- Last Name (text input)
- Email (text input)
- Password (text input)
- City (dropdown menu with 'Choose...' selected)
- Question (dropdown menu with 'Choose...' selected)
- Answer (text input with placeholder 'Enter Your Answer')

A blue 'Sign in' button is located below the answer field. At the bottom of the page, there is a dark footer with the text 'Stay connected with us:' and a light blue footer bar containing the text 'BIKERSPLANET', 'CATEGORIES', 'QUICK LINKS', and 'CONTACT US'. The Windows taskbar is visible at the very bottom, showing the search bar and various application icons.

Here after selecting create as customer option new user will see a page where he needs to fill some information. After filling all these credentials he can sign in to his account.



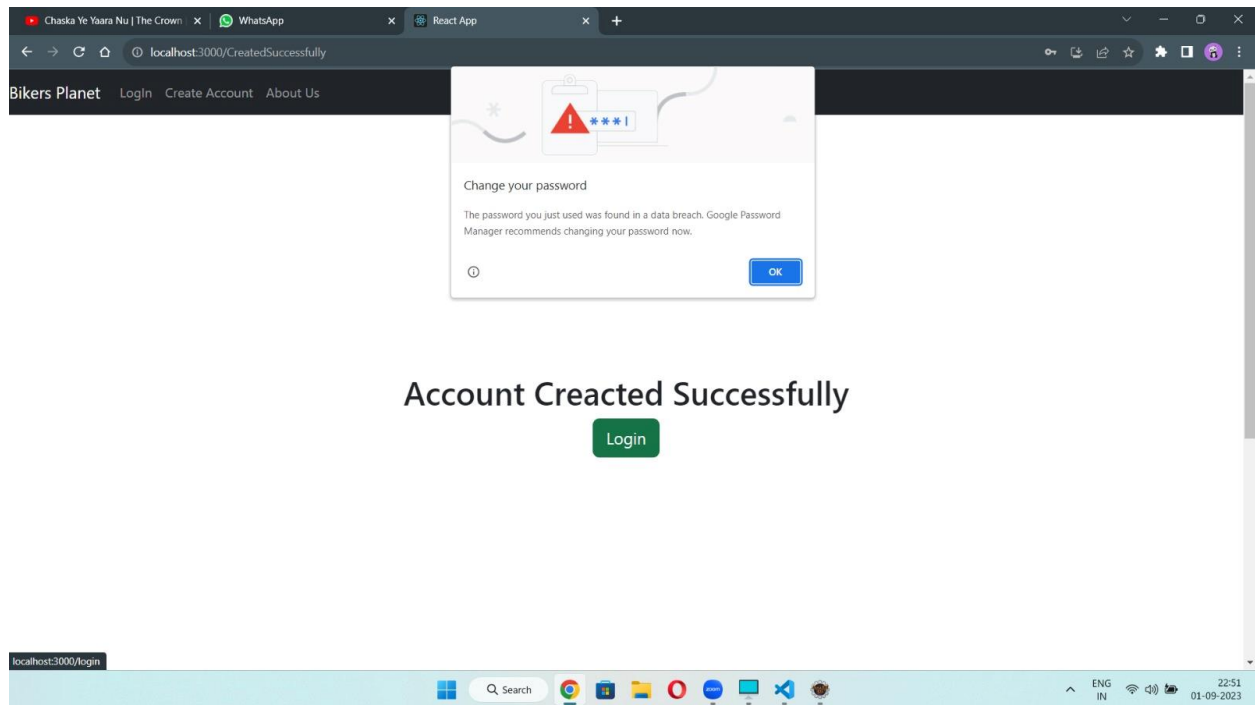
As a Dealer-

The screenshot shows a web browser window with the URL `localhost:3000/AddDealer`. The page header for "Bikers Planet" includes links for "Login", "Create Account", and "About Us". The main content area contains a registration form with the following fields:

- Dealer Name (text input)
- Company (dropdown menu with "Choose..." option)
- Email (text input)
- Password (text input)
- Address (text input with "1234 Main St" as a placeholder)
- Question (dropdown menu with "Choose..." option)
- Answer (text input with "Your Answer" as a placeholder)
- City (dropdown menu with "Choose..." option)
- Mobile No. (text input with "e.g.1234567890" as a placeholder)

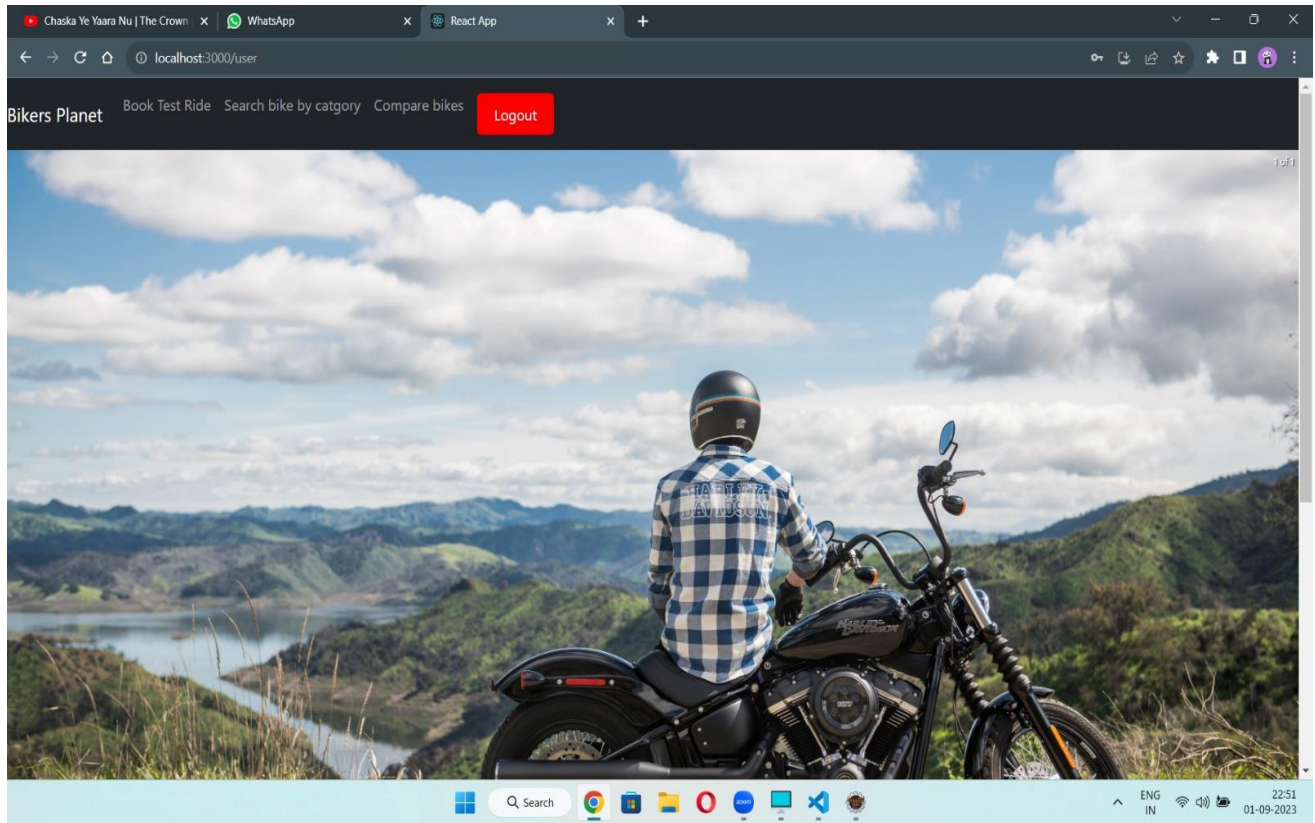
A blue "Sign in" button is located below the form fields. Below the form is a dark footer section with the text "Stay connected with us:". At the very bottom, a light blue navigation bar contains the text "BIKERSPLANET", "CATEGORIES", "QUICK LINKS", and "CONTACT US". The Windows taskbar at the bottom of the screen shows the time as 22:50 on 01-09-2023.

This is page where dealer need to register by filling his details.



After successful account both can see the message of successful account creation.  
After this both can login to their account by filling email and password.

## 5)Customer Home Page-

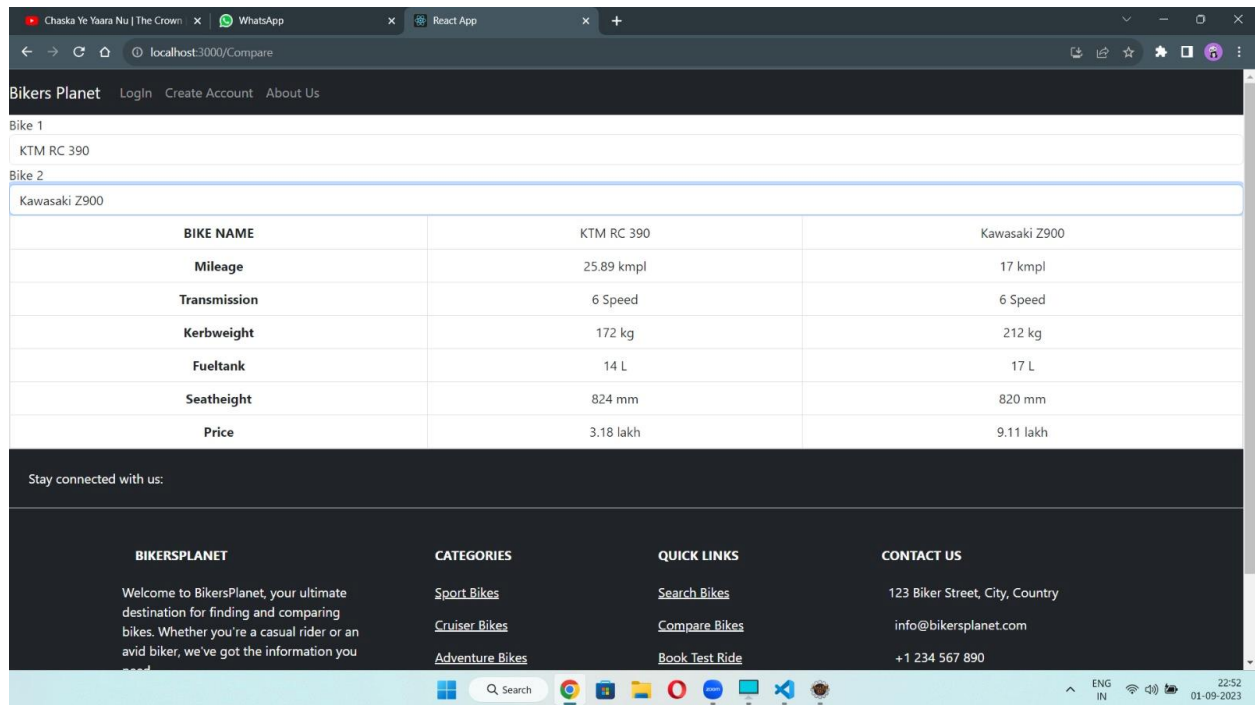


This is a home page for customer where user can see options like book test ride, search bike by category, compare bikes. After use he can logout his account also.

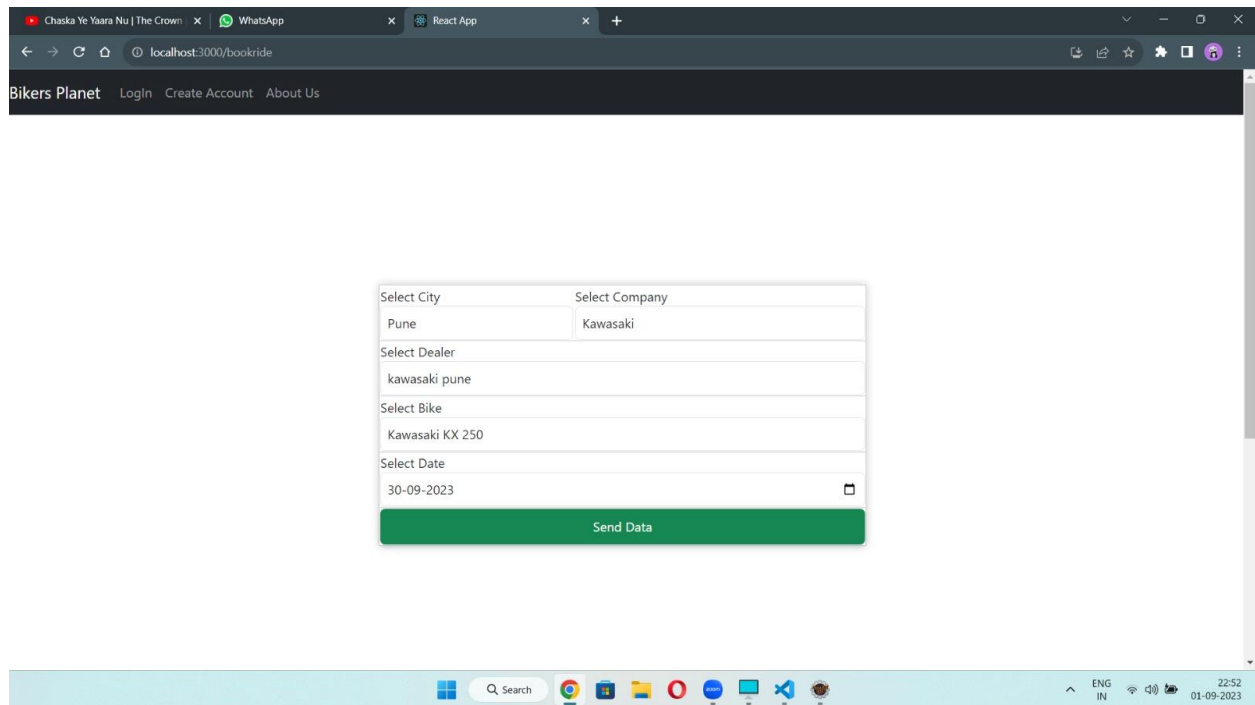
The screenshot shows a web browser window with the URL `localhost:3000/SearchByCat`. The page has a dark header with the text "Bikers Planet" and links for "Login", "Create Account", and "About Us". Below the header is a "Select Category" dropdown menu with "Sport" selected. The main content area is titled "Bike List" and contains a table with the following data:

Bike Name	Mileage	Transmission	Kerbweight	Fuel tank	Seatheight	Price
BMW S 1000 RR	15.62 Kmpl	6 Speed	197 kg	17 L	1205 mm	24.95 lakh
KTM RC 390	25.89 kmpl	6 Speed	172 kg	14 L	824 mm	3.18 lakh
Kawasaki Ninja 650	21 kmpl	6 Speed	196 kg	15 L	790 mm	7.12 lakh
Honda CBR650R	23 kmpl	6 Speed	211 kg	15.4 L	635 mm	8.89 lakh
Suzuki Gixxer SF 250	38.5 kmpl	6 Speed	161 kg	12 L	800 mm	1.85 lakh
Yamaha YZF R3	30 kmpl	6 Speed	173 kg	14 L	780 mm	4.50 lakh
Harley-Davidson Street Glide	15 kmpl	6 Speed	372 kg	22.7 L	695 mm	32.10 lakh
Aprilia Tuono V4	15 kmpl	6 Speed	209 kg	18.5 L	825 mm	15.75 lakh
Aprilia RSV4	14 kmpl	6 Speed	180 kg	18.5 L	835 mm	17.90 lakh
Aprilia Dorsoduro 900	19 kmpl	6 Speed	200 kg	14.5 L	870 mm	11.50 lakh
Triumph Scrambler 1200	15 kmpl	6 Speed	205 kg	16 L	840 mm	12.40 lakh
TVS Jupiter	55 kmpl	Automatic	110 kg	5.5 L	750 mm	68,000
TVS Ntorq 125	50 kmpl	Automatic	120 kg	6 L	760 mm	80,000

After selecting option search by category user can many bikes from that category. Here he can see bikes name, millage, Transmission, Kerbweight, Fuel Tank and some more function which need to be consider while buying bikes.

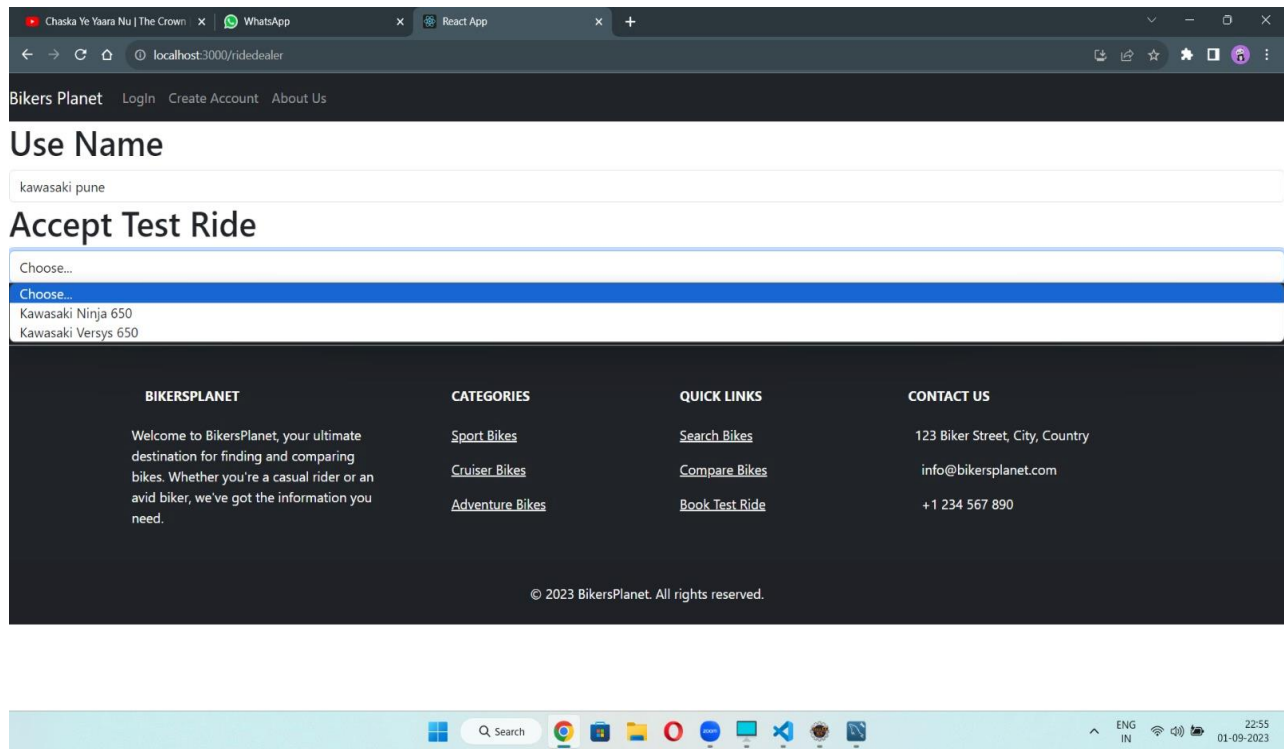


If user is getting confuse between two bikes he can compare their head to head feature by using this option. In this user just need to select two bikes and after that system will show the comparison between those two bikes.



If user decided to buy bike then he can book a test ride in a showroom nearest to his house and visit for test ride.

## 6)Dealer Home Page



Here dealer can see the list where which user booked test ride for any bike.