



BIRMINGHAM CITY
University

Assignment: WebApplication Report

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Website Report

Aim:

The aim of this web application is to develop an intuitive and efficient platform for renting two-wheeler vehicles. This application will enable users to register, search for available vehicles based on their location, and make reservations. Additionally, it will provide an administrative interface for managing vehicle inventory and bookings. The focus will be on delivering a user-friendly experience, ensuring smooth interactions between users and the system, and demonstrating core functionalities of a rental service platform.

Target Audience:

The target audience for the web app are those who want to go on a short or long tour on a vehicle or just to show off. So, they may book a vehicle of their choice and they may be used for outings or going for a tour. To speak frankly, this is for everyone with a license.

Objectives:

User-Friendly Interface:

- Develop a simple and intuitive user interface for easy navigation and efficient interaction.
- Ensure seamless user experience from registration to booking confirmation.

Vehicle Management System:

- Create an administrative interface for adding, updating, and removing vehicle listings.
- Implement features for administrators to manage bookings, view user activity, and monitor vehicle availability.

Database Integration:

- Implement a database to store user information, vehicle details, and booking records.
- Ensure data integrity and security throughout the application.

Colors and font:

Although the default font of the html/php has been used everywhere but the colors used are of wide range and most of them are from bootstrap.

Some of them being primary, success, danger, warning, info, light and dark which represent a light shade of blue, grey, a faint light green, pink, yellow, blue, white and black respectively.

Primary
Secondary
Success
Danger
Warning
Info
Light
Dark

SiteMap:

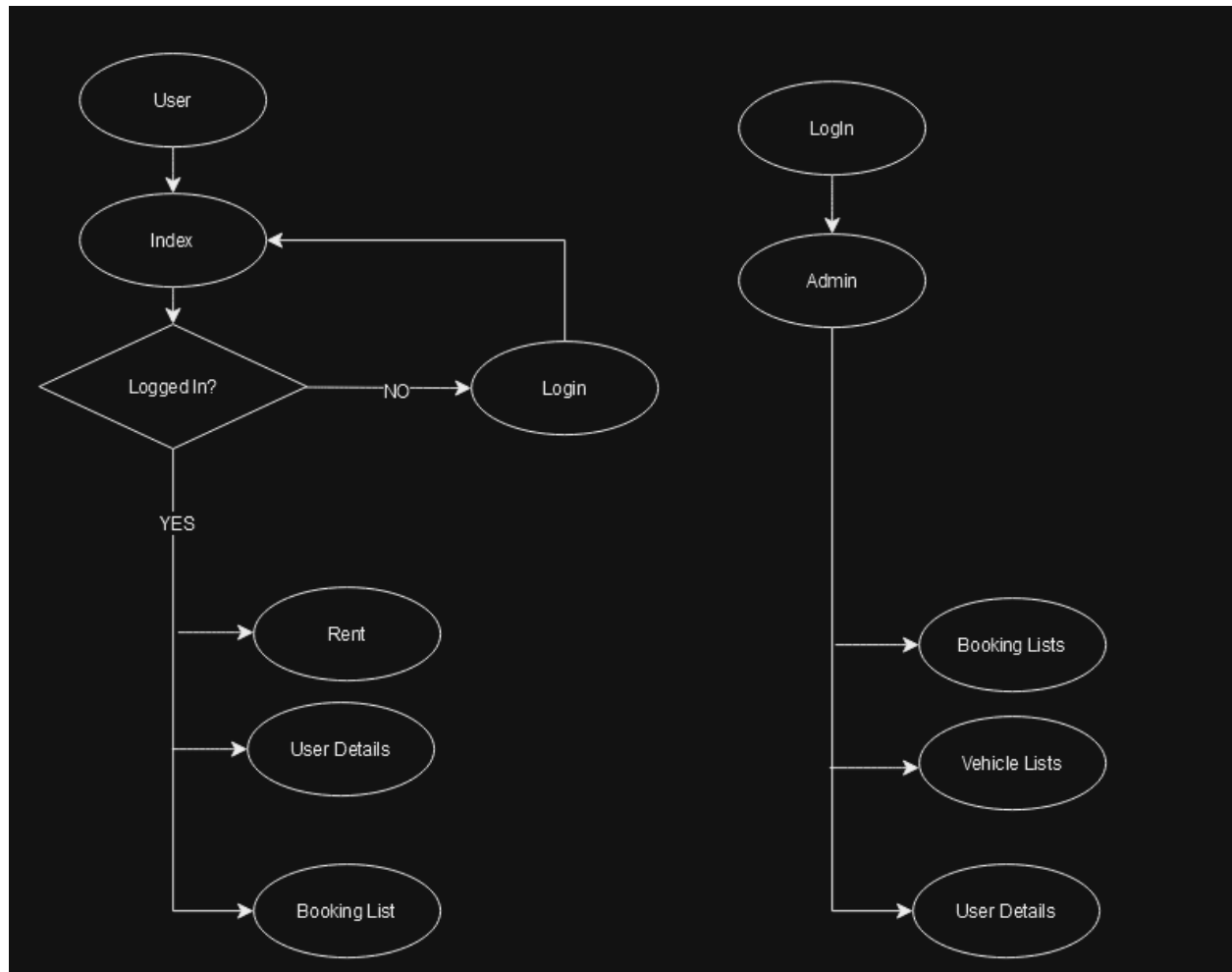


Fig: SiteMap

Detailed Explanation:

User:

For the user part the index page contains the list of vehicles that you can book but you cannot book it unless you are logged in. If you do try to login, you will be led to login page. After logging in you can book a vehicle, see the list of vehicles that you have booked and perform CRD operations and of course you can see your details as well where you will be able to perform full CRUD.

Admin:

As for the admin panel you must login first and after logging in you will be led to a dashboard where you can see a list of options like add vehicles, look at your vehicles and many more. From there you can head to Booking List where you will see all the bookings that have been made till the date and you can also delete them. For the user details you will be provided with a list of users that have registered to my website and you can delete their ids and as for vehicle lists you can add or perform a whole CRUD operations on it.

References:

Most of the images have been taken from stockimages.

https://www.reddit.com/r/indiasocial/comments/1ct0bc4/remember_this_og_bike_david_putra_2000_cc/?rdt=63807

<https://www.istockphoto.com/photos/vespa-italy>

<https://www.google.com/url?sa=i&url=https%3A%2F%2Fenglish.onlinekhabar.com%2Fyatri-motorcycles.html&psig=AOvVaw0tGmRizUtyRRuDcTDCZtAr&ust=1719127439967000&source=images&cd=vfe&opi=89978449&ved=0CBAQjhxqFwoTCLjuofbW7oYDFQAAAAAdAA>
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