**My Booking and My Wishlist**

**1. Introduction**

**Purpose**: This document outlines the requirements for the User Booking, User Wishlist and functionalities of the car rental system.

**Scope**: The functionalities include showing full history of user bookings, user wish lists that the user clicks and having navigation buttons for booking the selected car and adding the car to wish list.

**Audience**: Developers, designers and testers involved in the development and testing of the car rental system.

**2. Functionalities**

**2.1 User stories**

As a user, I want to see My Booking Status and My Previous Bookings whether the booking is confirmed or not after the Car Booking is done.

And I want to add my Favorite Car to my Wish List so that I can see my favorite cars directly in My Wish List and I can book it easily by Clicking the Book options.

As a user, the system must notify me if the car is not available currently.

**2.2 Requirements for Wish List**

In My wish list page, the user can view his/her favorite cars.

On clicking the Book My Car button, the user will redirect to the car Booking page.

A system should notify the user if the car is unavailable.

**2.3 Requirements for My Booking**

After the user successfully booked the car, the user can view his/her Booking details on his/her My Booking page and the user can see the Booking Status there.

By clicking the Cancel Booking button, the user can cancel the Car Booking.

**Database for Wish List**

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| WishListID | INT | Primary key for the table |
| UserID | INT | Foreign key for the Wishlist |
| RegistrationNumber | VARCHAR(50) | Foreign key for the table. |
| CarModel | VARCHAR(50) | Model of the vehicle. |
| ModelYear | INT | Year in which the vehicle was manufactured. |
| Colour | VARCHAR(50) | Colour of the vehicle. |
| Mileage | INT | Mileage of the vehicle. |
| ImageData | VARBINARY(MAX) | Store image as raw byte array |
| PricePerHour | INT | Price to rent the vehicle per hour. |
| PricePerDay | INT | Price to rent the vehicle per day. |
| PricePerWeek | INT | Price to rent the vehicle per week. |
| Description | VARCHAR(MAX) | Description of the vehicle. |
| CarAvailability | VARCHAR(50) | Availability status of the vehicle (e.g., available, rented, unavailable). |

**Database for My Booking List**

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| MyBookingID | INT | Primary Key for the My Booking table. |
| UserID | INT | Foreign Key for the My Booing table. |
| DrivingLicenceNumber | INT | Licence number of user who booking the car |
| DrivingLicenceImage | INT | Licence image of the user. |
| TotalAmount | INT | Total amount paid by the user. |
| ShippingType | VARCHAR(50) | Type of shipping is requested by customers. |
| RegistrationNumber | VARCHAR(50) | Foreign key for the table. |
| CarModel | VARCHAR(50) | Model of the vehicle. |
| ModelYear | INT | Year in which the vehicle was manufactured. |
| Colour | VARCHAR(50) | Colour of the vehicle. |
| ImageData | VARBINARY(MAX) | Store image as raw byte array |
| PricePerHour | INT | Price to rent the vehicle per hour. |
| PricePerDay | INT | Price to rent the vehicle per day. |
| PricePerWeek | INT | Price to rent the vehicle per week. |
| KilometersDriven | DECIMAL(10,2) | Total number of kilo meters that the vehicle has been driven. |
| CarAvailability | VARCHAR(50) | Availability status of the vehicle (e.g., available, rented, unavailable). |