**Yoobee Car Rental Management System**

**User Manual**

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# Introduction

Welcome to the Car Rental Management System!

The Yoobee the Car Rental Management System is developed upon a multi-layer architecture with proprietary YBConsoleView, YBPersistence and YBCarRental libraries. It is a good reference for learning how to build an application framework to study the concept of OOP, abstract classes, design patterns, and so much knowledge of C++ programming.

This user manual will guide you through the various features and functionalities of our system. This software is designed to simplify the process of renting cars and managing car rental operations. Whether you're a customer looking to rent a car or an admin responsible for managing the fleet, this guide will help you get started.

For guides of further development, please like our open source project on <https://github.com/imadyTech/YBCarRental> for development guide and references.

# Keyboard Operation Guide

Not all keys from the keyboard will be functional in the Yoobee Car Rental System. Follow the following guide for better operations:

**Use 'Tab' Key to Toggle Inputs and Buttons**

- Use the 'Tab' key to navigate through input fields and buttons. You will see the current active item (Inputs or Button) will be highlighted.

**Use 'Return' Key to Confirm or Submit**

- When you've filled out a form or made a selection, you can press the 'Return' key to confirm your choice and submit the form

**Use 'Esc' Key to Go Back to the Main Menu View**

- Press the 'Esc' key to return to the main memu view. This is handy when you want to repeat some functions without quit the application.

**Use Alphabets and Numbers to Input Information**

- When prompted to input information, you can use your keyboard to type alphabetic characters and numbers. This is especially useful for text fields, such as your name, email, or other details.

**Use the Back Arrow to Modify Some Input**

- If you need to correct or modify previously entered information, look for a back arrow, typically represented as a left-pointing arrow. Selecting this option allows you to make changes to your input.

By utilizing these keyboard shortcuts and operations, you can navigate and interact with the Yoobee Car Rental System more efficiently. These shortcuts are designed to save you time and make your experience smoother.

Feel free to explore the system while using these keyboard operations to enhance your user experience. If you have any questions or encounter any issues, don't hesitate to contact our support team for assistance.

Enjoy your seamless car rental experience with Yoobee Car Rental System!

# User Management (For Admins)

## User Registration

To use the system, users must first register. Follow these steps:

1. Access the system's registration page.

2. Fill out the registration form with your personal information.

3. Click the "Register" button to create your account.

## User Login

After registration, follow these steps to log in:

1. Access the system's login page.

2. Enter your registered email and password.

3. Click the "Login" button to access your account.

# Car Management (For Admins)

## Car Database

Our system maintains a database of available cars, including the following details:

• Car ID

• Make

• Model

• Year

• Mileage

• Availability Status

• Minimum Rent Period

• Maximum Rent Period

## Adding, Updating, and Deleting Cars

Admins have the privilege to manage car records:

• Adding a Car: To add a new car to the database, follow these steps:

1. Log in as an admin.

2. Access the admin dashboard.

3. Choose the "Add Car" option.

4. Fill in the car details.

5. Click the "Add Car" button.

• Updating a Car: To update car information, follow these steps:

1. Log in as an admin.

2. Access the admin dashboard.

3. Choose the car you want to update.

4. Modify the car details.

5. Click the "Update Car" button.

• Deleting a Car: To remove a car from the database, follow these steps:

1. Log in as an admin.

2. Access the admin dashboard.

3. Choose the car you want to delete.

4. Click the "Delete Car" button.

# Rental Booking (For Users)

## Viewing Available Cars

Customers can view available cars and their details by following these steps:

1. Log in as a customer.

2. Access the customer dashboard.

3. Browse through the list of available cars.

4. Click on a car to see its details.

## Making a Booking Order

To make a rental booking, customers should:

1. Log in as a customer.

2. Access the customer dashboard.

3. Select a car from the available cars list.

4. Specify the rental dates and provide necessary details.

5. Calculating Rental Fees

6. Click the "Book Now" button.

Our system calculates rental fees based on the selected car, rental duration, and any additional charges. The final rental fee will be displayed before confirming the booking.

## My Orders - Rental Management

Admins have the responsibility to manage rental bookings, including approving or rejecting requests. This can be done through the admin dashboard.

# Licensing

The Yoobee Car Rental System is licensed under the terms of the [Yoobee Car Rental Open Source License](https://github.com/imadyTech/YBCarRental/blob/main/LICENSE).

## License Overview

The copyright of all texts, images, code, released software product, and the scheme of YBML of Yoobee Car Rental System belongs to the author and is offered as open-source software, allowing for free usage by individuals and non-profit organizations. However, the following licensing terms apply:

## Permitted Usage

- \*\*Individuals\*\*: Individuals are permitted to use the Yoobee Car Rental System for personal or educational purposes free of charge.

- \*\*Non-Profit Organizations\*\*: Non-profit organizations, including educational institutions, charities, and non-governmental organizations, are granted free usage of the Yoobee Car Rental System.

## Restricted Usage

The following types of organizations are not eligible for free usage of the Yoobee Car Rental System and must obtain a separate commercial license:

- \*\*Profitable Organizations\*\*: Profitable organizations, including businesses and corporations, must obtain a commercial license for usage.

- \*\*Governmental Institutes\*\*: Governmental institutes at the federal, state, or local levels must obtain a commercial license for usage.

## Commercial Licensing

For profitable organizations and governmental institutes interested in using the Yoobee Car Rental System, please contact us to inquire about obtaining a commercial license. Commercial licenses are subject to terms and conditions that differ from those of open-source usage.

## Disclaimer

The Yoobee Car Rental System is provided "as is," without warranty of any kind, express or implied. The developers and contributors to the project are not responsible for any damages or liabilities arising from the use of the software.

By using the Yoobee Car Rental System, you agree to abide by the terms of the [Yoobee Car Rental Open Source License](https://github.com/imadyTech/YBCarRental/blob/main/LICENSE).

# Reporting Issues

We value your feedback and aim to continuously improve the Yoobee Car Rental System.

If you encounter an issue that is not resolved through this troubleshooting guide, or if you have suggestions for enhancements, please report them on our GitHub repository: https://github.com/imadyTech/YBCarRental

When reporting issues, be sure to provide the following details:

- A clear description of the problem

- Steps to reproduce the issue

- Any error messages received

- Screenshots (if applicable)

- Your system environment (e.g., browser, operating system)

Our development team will review your feedback and work towards resolving any reported issues promptly. Thank you for helping us improve the Yoobee Car Rental System.

# Summary

This user manual provides an overview of the Car Rental Management System's key features and functionalities. Whether you're a customer or an admin, we hope this guide helps you effectively use our system to rent cars and manage your rental operations. If you encounter any issues or have questions, please reach out to our support team for assistance. Thank you for choosing our Car Rental Management System!

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Yoobee College of Creative Innovation