



**CAR RENTAL SYSTEM**

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# Agenda

- **INTRODUCTION**
- **TECHNOLOGY AND TOOLS**
- **MODULES TO BE IMPLEMENTED**
- **OUTPUT**
- **CONCLUSION AND FUTURE ENHANCEMENTS**

# Introduction

## Car Rental System

### A Real-time Booking Solution:

- Consolidated Platform: Aggregates data from multiple car rental services.
- Real-time Updates: Provides up-to-date details and rates.
- Flexible Booking: Enables easy booking, cancellation, viewing, and updating of reservations.
- Efficient Management: Simplifies the management of bookings, cars, schedules, and routes.

# Technology And Tools



## #Frontend

Java Server Page(JSP)

Cascading Style Sheets(CSS)

JavaScript, HTML5



## #Backend

Java 17

Spring Boot 3 (Spring  
MVC, Spring Data JPA,  
Spring Security)



## #Database

MYSQL 8



## #Tools & Others

Build Tool: Maven

Web-Server: Tomcat

IDE: Eclipse IDE

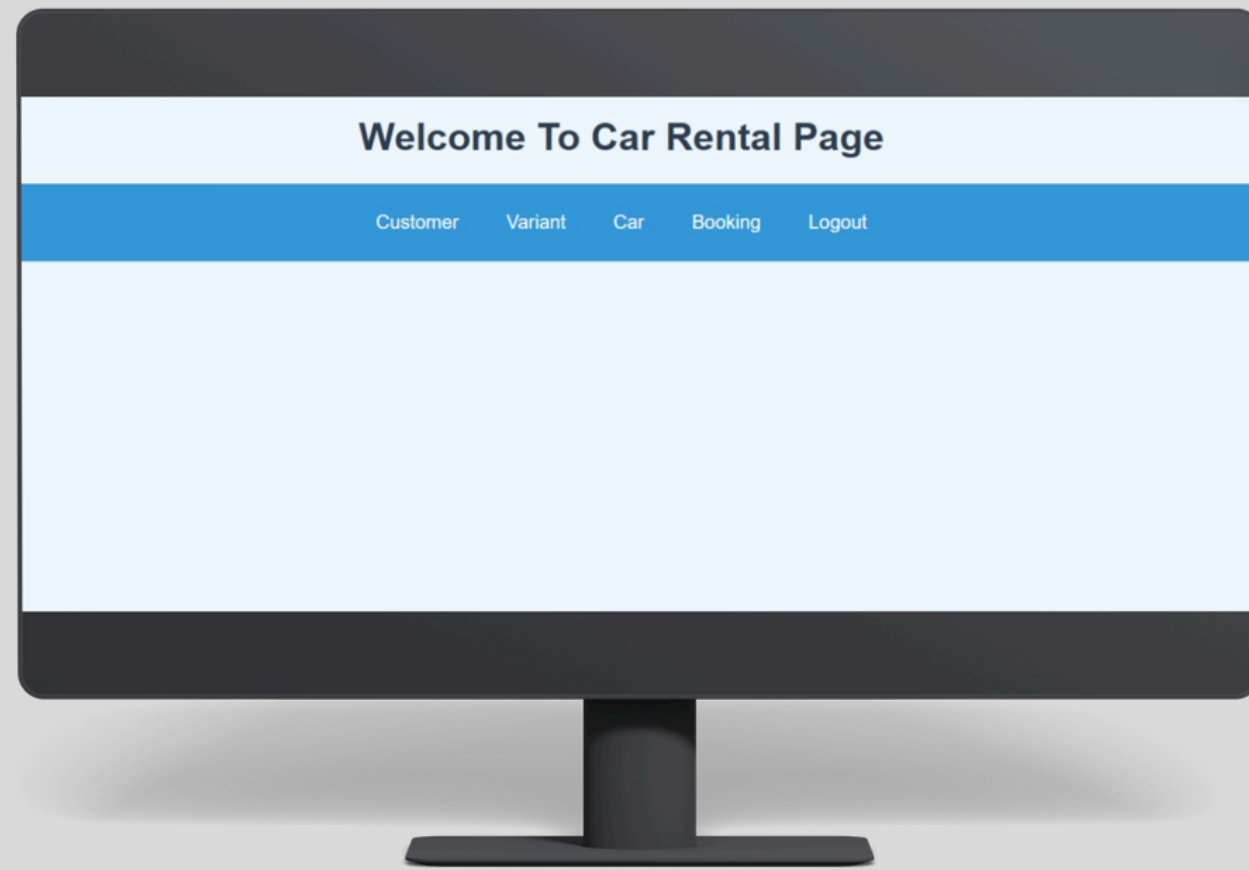
# Modules To Be Implemented

1. User Authentication and Registration
2. Customer module
3. Car Variant module
4. Car module
5. Car Booking

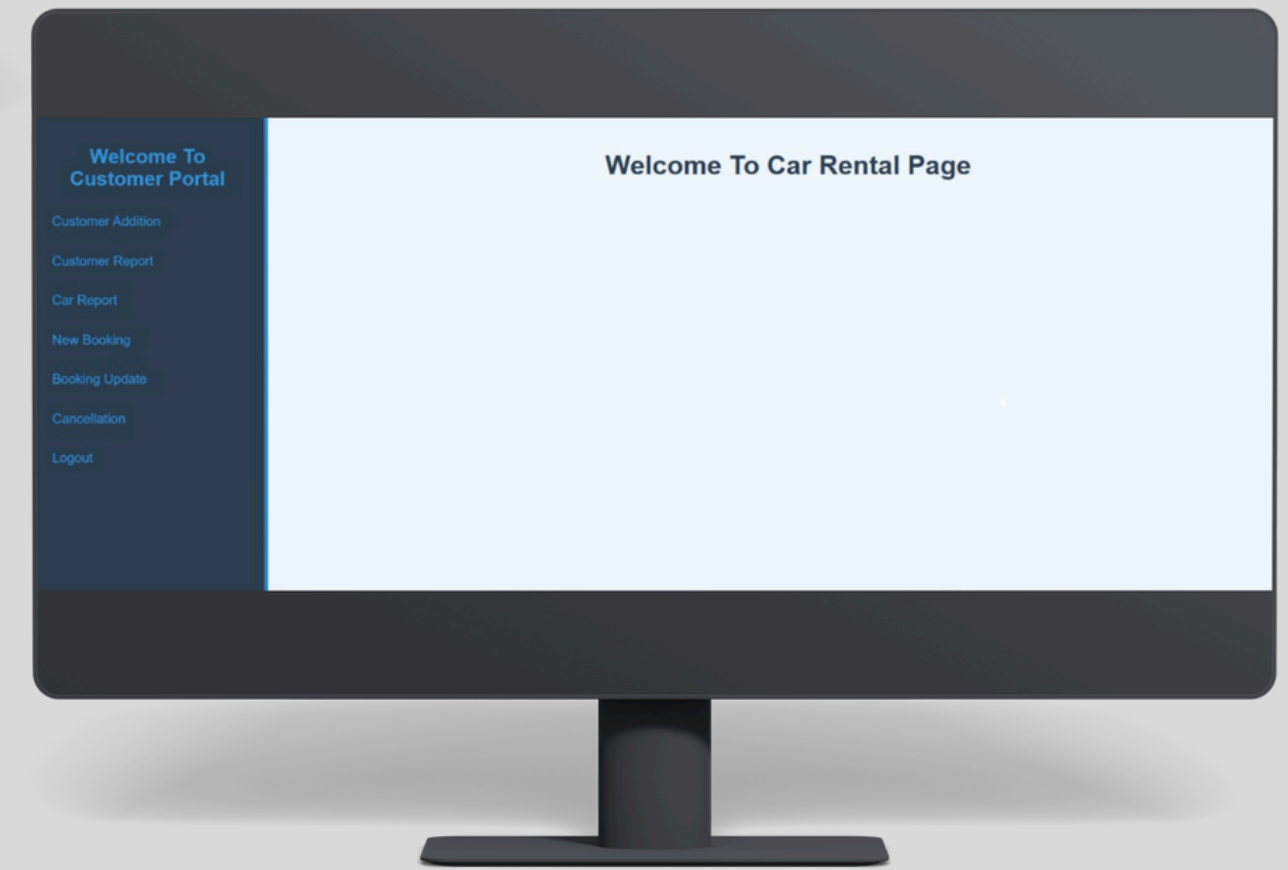




ADMIN PAGE



CUSTOMER PAGE



LOGIN PAGE





## ADMIN PAGE

The administrator can:

- Login into the application.
- Add cars, variant and car details.
- View the car, schedule and trip details.
- Cancel or modify the car, schedule and payment details.



## CUSTOMER PAGE

The customer can:

- Create his user account.
- Login into the application.
- Check for available cars.
- Make a booking.
- View the bookings made.
- Cancel or modify a booking.



# Conclusion And Future Enhancements

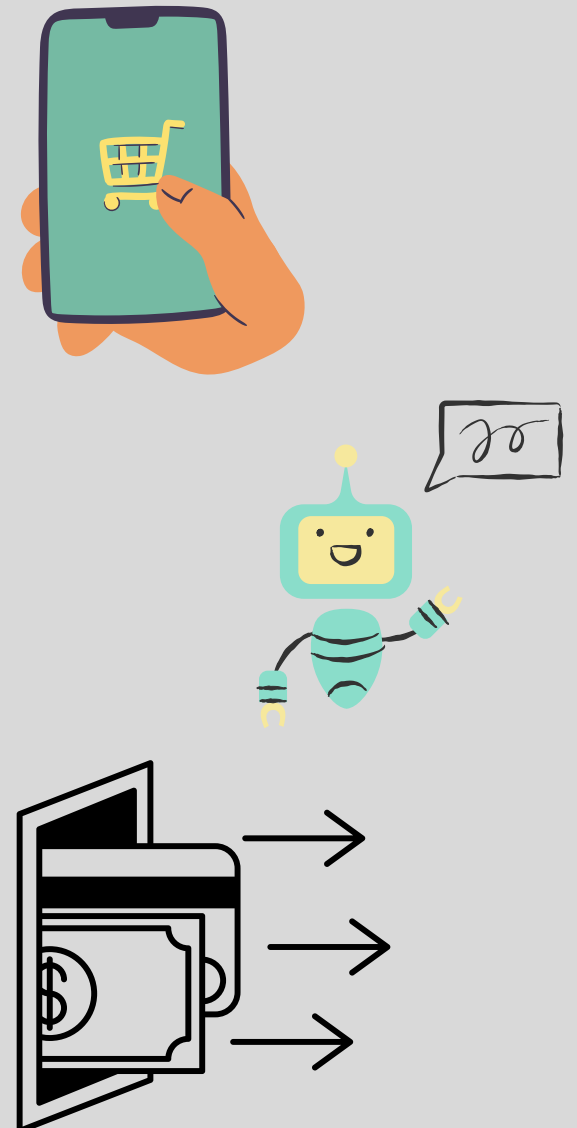
## CONCLUSION

The Car Rental Management System offers a comprehensive solution for both users and administrators. By centralizing booking processes and providing real-time updates, it streamlines operations and enhances user experience. The system's ability to aggregate data from multiple providers empowers users to make informed decisions and find the best deals.

# Conclusion And Future Enhancements

## FUTURE ENHANCEMENTS

- **Mobile Application:** Develop a mobile app to provide on-the-go access to booking, cancellation, and real-time updates.
- **Real-time Chat Support:** Implement a real-time chat feature for instant customer support and query resolution.
- **Integration with Payment Gateways:** Integrate with multiple payment gateways to offer flexible payment options.



**THANK YOU**

