

CAR RENTAL SYSTEM



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Introduction



The Car Rental System is a user-friendly platform aimed at making car rental processes easier and improving customer satisfaction. It includes key features like managing customer information, adding different car models, booking cars, and creating customer reports. Additionally, it provides various operational and analytical reports to ensure efficient management of the rental operations.

TECHNOLOGIES:

Front-end : Java Server Pages (JSP), CSS, JavaScript,

Back-end : Spring Boot, Spring Data JPA, Spring MVC, Spring Security.

Web Server : Apache Tomcat

Database : MySQL

IDE : Eclipse IDE for Enterprise Java and web Developers



Admin Dashboard

Customer Management

- View a list of all customers.
- Update customer records.
- Delete customer records.

Variant Management

- Add new car variants to the system.
- View a list of all variants.
- Variant addition and deletion.

Car Management

- Add new cars to the inventory.
- View and manage car details.

Booking Management

- The admin can view booking reports submitted by customers.
- The admin can approve or reject payments made by customers for bookings.

Logout

- Securely log out of the admin panel.

Adding and Modifying Cars

Add Car Details:

Admin can enter car details such as car name, model, seating capacity, and daily rental price.

View Car Details:

Admin can view the list of all cars along with their details.

Edit Car Details:

Admin can modify car details such as price or seating capacity.

Slot Booking and Cancellation for Customers

Select Slots:

Customers can choose rental slots (time periods) according to their preferences and availability.

Select Vehicle and Book:

After selecting a slot, customers choose a vehicle available during that time and complete the booking.

Booking Confirmation:

Once the booking is completed, display a success message with a unique booking ID and slot ID.

View and Cancel Bookings:

Customers can view their active bookings and have the option to cancel them.





Conclusion and Key Features

The Car Rental System is an easy-to-use platform that simplifies car rental operations. It helps manage customers, add and update cars, handle bookings, and create helpful reports. With its clear and organized features, the system provides a smooth experience for both administrators and customers, making it a great choice for car rental businesses.

**THANK
YOU!**