

Justin Verrick

Car Rental System

INFO-C 450

Demo Link - [https://iu.mediaspace.kaltura.com/media/t/1\\_9t0ku2bk](https://iu.mediaspace.kaltura.com/media/t/1_9t0ku2bk)

## Product Brochure

### Overview:

This Car Rental System is designed to provide a user-friendly and efficient platform for vehicle reservation. It will simplify inventory management, enhance user experience, and have secure transactions. Hopefully, making the car rental process much easier and less trouble for the user.

### Key Features:

- Simple user interface: Easy navigation for users and administrators.
- Efficient and simple reservation system: Customers can browse, select, and reserve vehicles easily.
- Secure payments: Secure payment processing for safe transactions.
- Inventory management: Admins can add, remove, and update vehicle availability. Admins can modify vehicle pricing.
- Modify existing reservations: Users can modify or cancel reservations. Admins can edit or cancel user reservations.

### Why Choose Our System?

- Timesaving: Quick and easy booking process.
- Simple: Simplified vehicle selection process.
- Security: Secure payment ensures customer confidence in the security of the system.
- Scalability: Designed to handle future expansion if needed.

### Technologies Used:

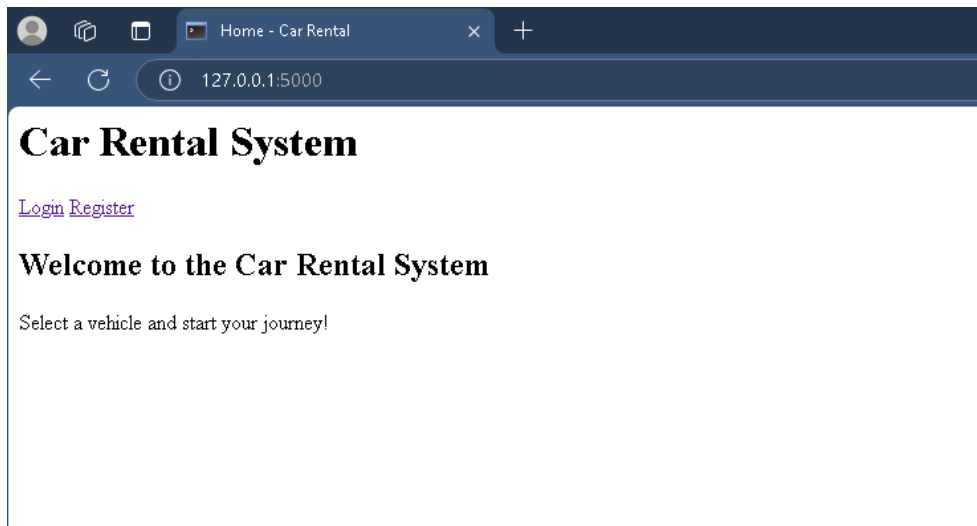
- Frontend: HTML, CSS, JavaScript.
- Backend: Python (Flask framework for logic and API connections).
- Database: SQLite

### User Benefits:

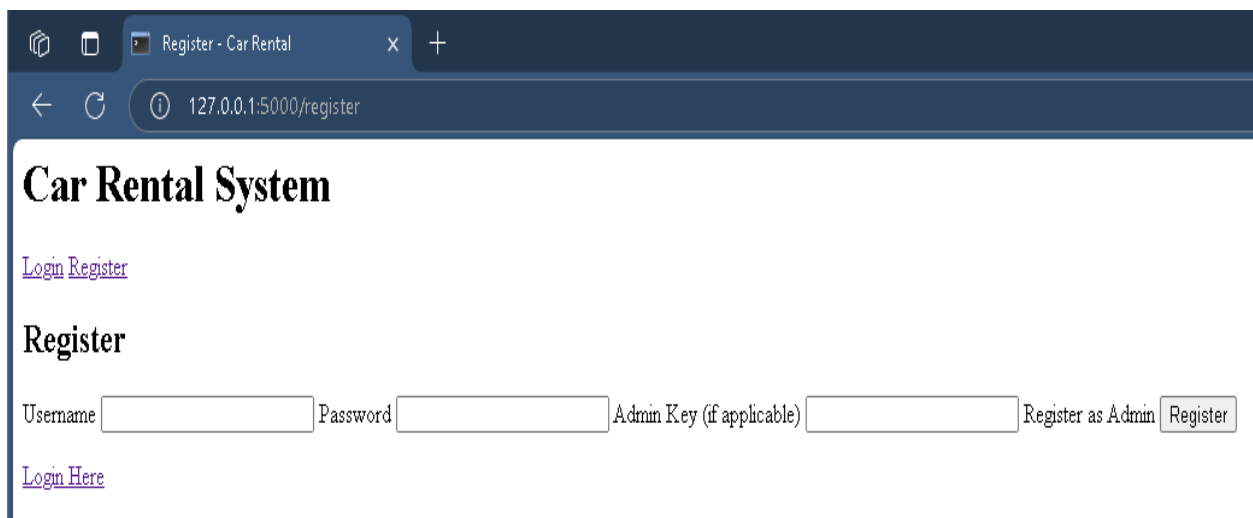
- Customers can easily book vehicles.
- Customers can easily modify existing reservations.
- Admins can add, edit, or remove vehicle inventory and customer reservations efficiently.
- Secure transactions increase trust and reliability.

Snapshots From Website:

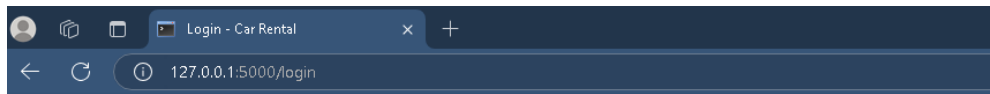
Website Homepage:



Website Register Page:



Website Login Page:



## Car Rental System

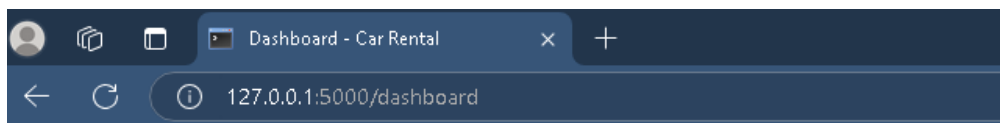
[Login](#) [Register](#)

### Login

Username  Password

[Register Here](#)

Reserve Vehicle:



## Car Rental System

[Dashboard](#) [Logout](#)

### Dashboard

#### Available Vehicles

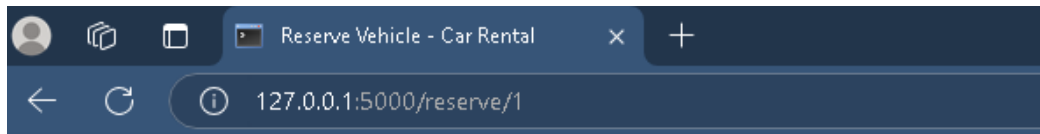
Sedan - \$50 per day [Reserve](#)

SUV - \$100 per day [Reserve](#)

Truck - \$75 per day [Reserve](#)

Van - \$60 per day [Reserve](#)

[View My Reservations](#)



# Car Rental System

[Dashboard](#) [Logout](#)

## Reserve a Vehicle

You are reserving: **Sedan** for \$50 per day

Start Date  End Date

Payment Page:

A screenshot of a web browser window. The title bar shows 'Payment - Car Rental'. The address bar contains '127.0.0.1:5000/payment/5'. The browser interface includes back, forward, and refresh buttons. The page content is as follows:  

# Car Rental System

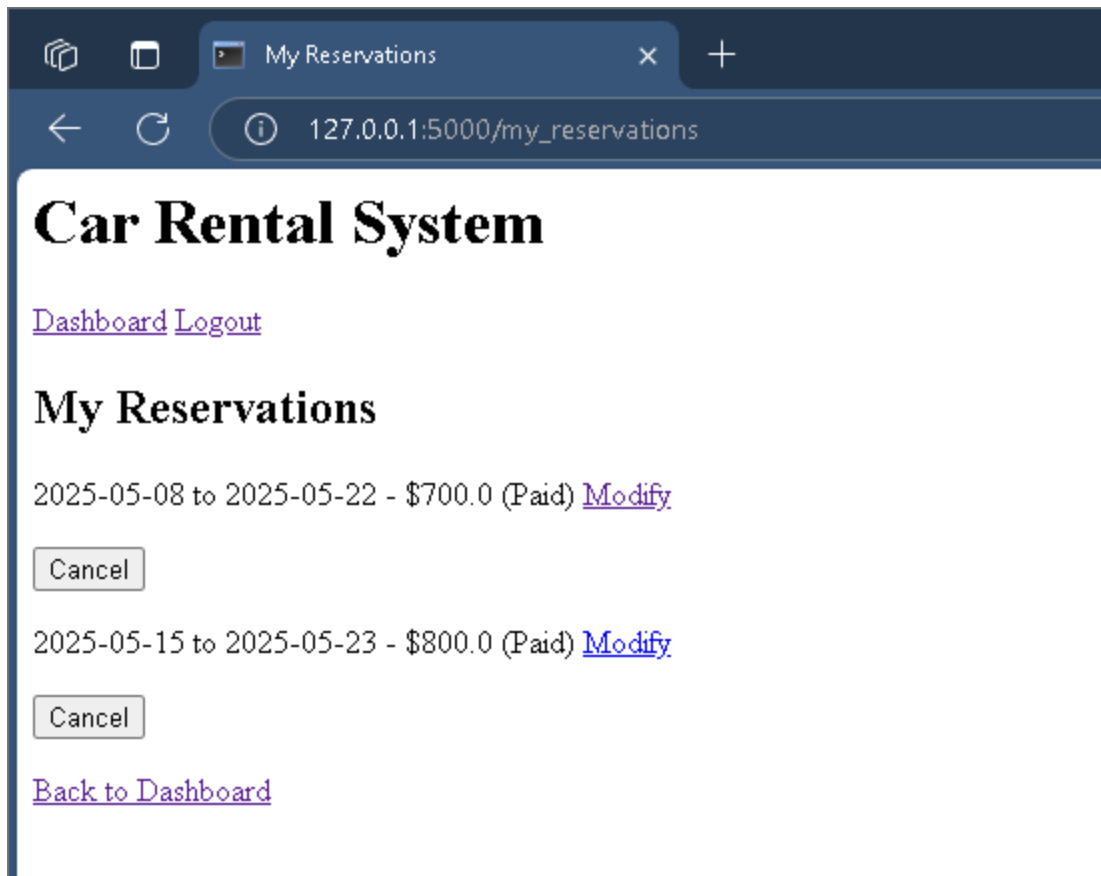
[Dashboard](#) [Logout](#)

## Payment

You are paying for your reservation. Total Cost: \$400.0

Card Number  Expiration Date  CCV  Name on Card  Your Name

View My Reservation Page:



Admin Dashboard:

Admin Panel - Car Rental

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127.0.0.1:5000/admin

# Car Rental System

[Dashboard](#) [Admin](#) [Dashboard](#) [Logout](#)

## Admin Dashboard

### Manage Vehicles

Vehicle Type  Price Per Day

### Existing Vehicles

Sedan - \$50 - Available: Yes

Truck - \$75 - Available: Yes

Van - \$60 - Available: Yes

SUV - \$100 - Available: Yes

### Customer Reservations

Justin Verrick reserved Sedan from 2025-05-08 to 2025-05-22 [Edit](#)

Justin Verrick reserved SUV from 2025-05-15 to 2025-05-23 [Edit](#)

John Doe reserved Truck from 2025-05-23 to 2025-05-30 [Edit](#)

For more details, visit project repository on GitHub: [<https://github.com/JDV1281/Car-Rental-System>] or contact at [[jdverrick1@gmail.com](mailto:jdverrick1@gmail.com)].