VINYASA SUMMER OF CODE (VSOC)

Project Description

GitHub Repo: [CabRental GitHub Repository](#)

Project Overview:

CabRental is a comprehensive software system designed to facilitate the rental of vehicles for transportation purposes. It aims to provide an easy, seamless, and efficient platform for users to book rides, specifically targeting university students to offer affordable and convenient transportation solutions.

Technologies Used:

- **Front-End:** HTML, CSS, JavaScript
- **Back-End:** PHP
- **Database:** MySQL

Ideas List for the Website:

User Registration and Authentication:

- Secure account creation and login.
- Social media Single Sign-On (SSO) integration.

Vehicle Search and Booking:

- Search for vehicles by location, type, and availability.
- Real-time availability checks.

Booking Management:

- View and manage booking history.
- Options to modify or cancel bookings.

Payment Gateway Integration:

- Secure payment process with multiple options (credit/debit cards, net banking, mobile wallets).

Admin Dashboard:

- Manage vehicle listings (add, update, remove).
- View and manage all bookings.
- Analytics and reporting tools.

Notifications and Alerts:

- Email and SMS notifications for confirmations, reminders, and updates.
- Alerts for booking status or vehicle availability changes.

User Feedback and Reviews:

- Rate experiences and provide feedback.
- Reviews to improve service quality and assist new users.

Demonstration Video: Link to Video Representation

Details About the Project: This is an individual project, not affiliated with any organization. Developed and maintained solely by me, Sumit Kumar, the goal of this project is to create a seamless and efficient cab rental platform for users.