**Jotting Down the functionalities**

* **Authentication & Authorization with OTP verification, Forgot & Reset Password Functionality**
* **Combined Account System with Toggle Feature**
* **Dashboard with features and UI**
* **Navbar With Redirection to other pages**
* **Different UI Showing Cars their renting Cards.**
* **Customized pages for Fleets With Description, Images inside out side car , 360 View If possible**
* **Rental Checkouts Prices Dates N Stuff at customized page**
* **Review & Verified Rented Ticks**
* **Checkout page With Stripe, UPI, and Other Payment Options**
* **Checkout page or Booking Page, Refunds**
* **For the Host or Lenders: Add Vehicle Info, Category N Info Page**
* **CRUD for the Host of his or her Vehicle**
* **Proper User Dashboard with Toggling Feature if he/she is a lender too**
* **Filter According to Price, Seats, Fastage, Accessories, Model, Years Old n etc.**
* **FAQs Page, Contact Us Page**
* **Pagination for the pages of cars**
* **Borrower’s & lender’s Specific Rating or Colors as badges, how good customer they are.**
* **Email Notification If anyone booked the Car, or any confirmation, logging in notification.**

**Functional Details for Car Rental System**

**1. User Management**

* **User Registration: Allow Hosts (car owners) and Renters to sign up with required details (name, email, phone number, address). Additional details for users who wish to be both Hosts and Renters.**
* **Login/Logout: Secure authentication system with options for email/password, social login (Google, Facebook, etc.), and "Forgot Password" functionality.**
* **User Profile Management: Users can update personal information, contact details, payment methods, and delete their profiles if desired.**
* **User Role Management: Enable combined roles (Host and Renter) with role-specific permissions.**

**2. Car Management**

* **Add/Remove Cars: Hosts can list their cars, while Admins can remove inappropriate listings.**
* **Update Car Information: Hosts can update car details such as model, make, year, registration number, category (e.g., economy, luxury, electric), and pricing.**
* **Car Maintenance Management: System to log maintenance schedules and mark cars unavailable for repairs.**
* **Car Availability: Implement a calendar system to display available and booked dates.**
* **Car Details: Showcase car features such as fuel type, seating capacity, rental price, mileage limits, and more.**

**3. Reservation System**

* **Search Cars: Renters can search using filters like car type, price, pickup/drop-off location, and rental dates.**
* **Book a Car: Reserve cars for specific dates with booking confirmation.**
* **Availability Check: Real-time availability checks based on location and rental dates.**
* **Booking Confirmation: Provide details on car, rental duration, price breakdown, and pickup/drop-off location.**
* **Booking Cancellation: Allow users to cancel bookings following defined cancellation policies.**
* **Booking Modification: Enable changes to dates or car choice before booking confirmation.**

**4. Pricing & Billing**

* **Dynamic Pricing: Flexible pricing based on factors like car type, rental duration, seasonal demand, and promotions.**
* **Discounts and Promotions: Support for promo codes, seasonal offers, and loyalty rewards.**
* **Invoice Generation: Detailed invoices for Renters, including car rent, additional charges, and applicable taxes.**
* **Payment Gateway Integration: Options for credit/debit cards, mobile wallets, and services like PayPal.**
* **Refund Process: Handle refunds for cancellations or modifications per policy.**

**5. Location Management**

* **Pickup and Drop-off Locations: Let users choose from predefined locations.**
* **Geolocation Services: Maps integration for nearby car rental spots and availability visualization.**
* **Location-Based Pricing: Pricing adjustments based on locations.**

**6. Rental Agreement Management**

* **Booking Confirmation: Generate booking confirmation receipts.**
* **Vehicle Pickup: Verify driver identity and record initial car condition with photos or videos.**
* **Vehicle Return: Record the car's condition, handle late returns, or charge for damages.**

**7. Customer Support**

* **Live Chat/Helpdesk: Provide real-time assistance.**
* **FAQ Section: Address common questions.**
* **Contact Information: Display phone, email, and social media contacts.**

**8. Notifications & Alerts**

* **Booking Notifications: Confirmations and reminders via email or SMS.**
* **Reminder Alerts: Notify about upcoming car return deadlines.**
* **Payment Alerts: Notify about successful, failed, or pending payments.**
* **Change Alerts: Inform users of modifications or cancellations.**
* **Late Return Alerts: Notify Renters of penalties for overdue returns.**

**9. Reviews & Ratings**

* **Car Reviews: Renters can review cars for cleanliness, performance, etc.**
* **Host Reviews: Renters and Hosts can review each other to ensure accountability.**

**10. Admin Dashboard**

* **User Management: Monitor and block/unblock users as needed.**
* **Car Management: Oversee vehicle listings and remove inappropriate ones.**
* **Booking Management: Review bookings, cancellations, and pending actions.**
* **Reports and Analytics: Insights into revenue, car usage, and popular categories.**
* **System Notifications: Alert users about important updates.**

**11. Search & Filter Functionality**

* **Advanced Search: Refine searches by type, price, location, and availability.**
* **Sorting Options: Sort cars by price, ratings, or popularity.**
* **Location Filters: Narrow results to specific locations or proximity.**

**12. User Feedback**

* **Feedback System: Gather and analyze user feedback to improve services.**

**13. Security & Compliance**

* **User Verification: Validate necessary documents, such as a driver’s license.**
* **Privacy Policy: Ensure transparency regarding user data usage.**

**14. Additional Features (Optional)**

* **Multi-Language Support: Cater to users across different languages.**
* **Multiple Payment Methods: Offer a variety of payment options.**
* **Affiliate Program: Reward affiliates for referring new users.**
* **Loyalty Program: Reward loyal users with discounts or free rentals.**