**Working on Rent a Car System.**

**Introduction:** The Car Rental Management System simplifies the car rental process, focusing on backend functionality. The system introduces distinct roles—User, Manager, and Admin—to streamline operations efficiently.

**Functional Requirements:**

*User Roles:*

1. **User:**
   * Log in with a unique username and password.
   * Retrieve a list of available cars with detailed specifications.
   * Select a car and choose from different rental packages.
   * Initiate and complete secure payment transactions.
2. **Manager:**
   * Log in with manager credentials.
   * Access a Manager Dashboard for overseeing operations.
   * Manage the fleet by adding, updating, or removing car listings.
   * Monitor and approve user transactions.
3. **Admin:**
   * Log in with admin credentials.
   * Access an Admin Dashboard for comprehensive system control.
   * Add, edit, or remove car listings and rental packages.
   * Generate detailed reports on rental activities.

*Key Features:*

1. **Car Listings:**
   * Display a list of available cars with detailed specifications.
   * Include backend functionalities for adding, updating, and removing listings.
2. **Package Selection:**
   * Provide different rental packages for users to choose from.
   * Implement backend logic for package management.
3. **Secure Payment Gateway:**
   * Integrate a secure payment system for user transactions.
   * Implement backend processes for payment confirmation and record-keeping.
4. **User Authentication:**
   * Ensure secure user registration and login processes.
   * Enable password recovery mechanisms for registered users.
5. **Dashboard for Managers and Admins:**
   * Real-time monitoring of rental activities for Managers and Admins.
   * Streamlined backend interfaces for efficient fleet and transaction management.

**Conclusion:** The Car Rental Management System will offer a simplified and efficient solution for managing car rentals, catering to the needs of Users, Managers, and Admins.