**Project Title: Car Rental Management System**

**Project members:**

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**The main purpose of the project:**

The main purpose of the Car Rental Management System is to provide a user-friendly platform for efficient and secure management of car rentals. This system will allow users to register, authenticate, browse available cars, rent them, and provide feedback. Additionally, it will incorporate roles, distinguishing between regular users and administrators, with the latter having exclusive privileges to add new cars to the system and stop ongoing rentals.

**Key Goals and Objectives:**

1. User Registration and Authentication:

- Allow users to register with the system using valid credentials.

- Implement a secure authentication process to ensure data privacy.

2. Role-based Access Control:

- Establish distinct roles for users (renters) and administrators.

- Administrators should have exclusive access to functionalities like adding new cars and stopping rentals.

3. Car Management:

- Enable administrators to add new cars to the system with relevant details (model, make, availability, etc.).

- Implement a mechanism to mark cars as unavailable when rented and available when returned.

4. Rental Process:

- Allow users to browse available cars based on various criteria (availability, model, etc.).

5. Feedback System:

- Enable users to provide feedback and ratings for each rented car.

6. Admin Control:

- Administrators should have the ability to monitor ongoing rentals and intervene if necessary.

- Implement a feature for administrators to stop ongoing rentals in exceptional cases.

**Expected Outcomes:**

1. Efficient Car Management:

- Streamlined process for administrators to add new cars, ensuring an up-to-date inventory.

2. User-Friendly Rental Process:

- Users can easily browse, select, and rent cars, promoting a positive user experience.

3. Role-based Security:

- Robust security measures to protect user data, ensuring only authorized access to critical functionalities.

4. Transparent Feedback System:

- Users can make informed decisions based on feedback, contributing to overall customer satisfaction.

5. Administrator Oversight:

- Administrators have control over the rental process, enhancing the overall reliability and security of the system.

By achieving these goals and outcomes, the Car Rental Management System aims to provide a reliable, secure, and user-friendly platform for both administrators and users involved in the car rental process.

**Contact information and feedback form:**

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