



Core rental process

1.1 Register & Verify Identity

- REG-1: As a student, I want to register, so that I can access the rental system.
- REG-2: As a student, I want to upload documents for verification, so that my identity is approved.
- REG-3: As an admin, I want to verify student accounts, so that only valid users can rent cars.

1.2 Search for a Rental Car

- SEA-1: As a student, I want to browse available cars, so that I can find a suitable option.
- SEA-2: As a student, I want to filter rental cars by price, type, fuel, and location, so that I can choose a car within my budget.

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- SEA-3: As a student, I want to check car availability, so that I can plan my rental accordingly.

1.3 Book & Pay for a Car

- BOO-1: As a student, I want to select my rental duration (weekly, monthly, semester), so that I have transportation when needed.

- BOO-2: As a student, I want to make a payment and receive confirmation, so that my booking is secured.

- BOO-3: As an admin, I want to track bookings, so that I can ensure proper fleet management.

Medium Priority - Follow-Up Operations

2.1 Pick Up & Use the Car

- PIC-1: As a student, I want to receive pick-up location details, so that I can easily find my car.

- PIC-2: As a student, I want to unlock and start using the car, so that I can begin my rental period.

- PIC-3: As an admin, I want to track rented cars, so that I can monitor fleet availability.

2.2 Handle Maintenance & Repairs

- HAN-1: As a student, I want to report a car issue, so that I can get support quickly.

- HAN-2: As a student, I want to request repair or maintenance, so that I can continue using the car safely.

- HAN-3: As a student, I want to swap the car if necessary, so that I have a working vehicle without delay.

- HAN-4: As an admin, I want to track repair requests, so that I can ensure timely service.

- HAN-5: As a mechanic, I want to receive maintenance requests, so that I can fix rental cars efficiently.

2.3 Return or Extend Rental

- RET-1: As a student, I want to return my rental car, so that I can complete my booking.

- RET-2: As a student, I want to request a refund if applicable, so that I am not overcharged.

- RET-3: As an admin, I want to verify returned cars, so that I can prepare them for the next rental

Expanding Fleet & Business Growth

3.1 Dealer & Resident Car Listing

- DEA-1: As a dealer, I want to list my car for rent, so that I can generate income from my inventory.

- DEA-2: As a resident, I want to list my car for rent, so that I can make money while waiting to sell it.

- DEA-3: As an admin, I want to verify listed cars, so that only roadworthy vehicles are available for rental.

- DEA-4: As an admin, I want to manage pricing policies for listed cars, so that rental fees remain competitive.

3.2 Additional Enhancements (Future Features)

- ADD-1: As a student, I want to choose different payment options, so that I can pay conveniently.

- ADD-2: As an admin, I want to offer loyalty discounts, so that I can attract long-term renters.

-ADD-3: As a student, I want to rent cars across states, so that I can travel longer distances.