User Story & Acceptance Criteria

User Story & Acceptance Criteria: International Student Car Rental System

1. User Story: Selecting Rental Duration

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

Acceptance Criteria:
- The system must provide rental duration options: weekly, monthly, and semester-based.
- The student must be able to select a start date and end date.
- The system should display total cost based on selected duration before proceeding to payment.
- If a student changes the duration, the price should update dynamically.
- The system should prevent selections beyond the maximum allowed duration (e.g., if semester rentals are capped at 6 months).
- The selected rental duration must be saved in the booking record for reference.

2. User Story: Making a Payment & Receiving Confirmation

"As a student, I want to make a payment and receive confirmation, so that my booking is secured."

Acceptance Criteria:
- The system must allow students to enter payment details (credit card, debit card, PayPal, etc.).
- The system should validate payment information before processing.
- If the payment is successful, the system must generate a booking confirmation with:
  - Rental duration
  - Pick-up and drop-off details
  - Payment receipt
- The confirmation should be sent via email and displayed on the user dashboard.
- If payment fails, the student should receive an error message with retry options.
- The system must ensure secure payment processing and comply with PCI-DSS security standards.

3. User Story: Tracking Bookings as an Admin

"As an admin, I want to track bookings, so that I can ensure proper fleet management."

Acceptance Criteria:

- The admin panel should display a real-time list of active and upcoming bookings.
- Each booking record must include:
  - Student name & ID
  - Rental duration & selected car
  - Payment status (Paid/Pending/Failed)
  - Pick-up & drop-off details
- Admins should be able to filter bookings by:
  - Date range
  - Payment status
  - Car availability
- The system should flag overlapping bookings or potential issues (e.g., double booking).
- Admins should be able to cancel or modify bookings when necessary.
- The system must provide a reporting feature for booking analytics (e.g., total rentals per month).