**Day 4 Assignment 2**

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**Problem :**write 3 user stories with acceptance criteria

**Solution:**

**User Story 1: Search for Movies**

As a Customer

I want to search for movies by title, genre, and showtime

So that I can find a movie that interests me and fits my schedule.

**Acceptance Criteria:**

1. Search by Title:

- Given a user is on the search page,

- When they enter a movie title in the search bar,

- Then the system should display a list of movies that match the title.

2. Search by Genre:

- Given a user is on the search page,

- When they select a genre from the dropdown menu,

- Then the system should display a list of movies that belong to the selected genre.

3. Search by Showtime:

- Given a user is on the search page,

- When they select a date and time range,

- Then the system should display a list of movies showing within the selected date and time range.

**User Story 2: Select Seats**

As a Customer

I want to select my preferred seats in the theater

So that I can ensure I have a good viewing experience.

**Acceptance Criteria:**

1. View Seat Layout:

- Given a user has selected a movie and showtime,

- When they proceed to the seat selection page,

- Then the system should display the seating layout of the theater.

2. Select Available Seats:

- Given a user is on the seat selection page,

- When they click on available seats,

- Then the selected seats should be highlighted and marked as selected.

3. Prevent Selection of Unavailable Seats:

- Given a user is on the seat selection page,

- When they attempt to select seats that are already booked or blocked,

- Then the system should not allow the selection and should display a message indicating the seats are unavailable.

**User Story 3: Payment and Confirmation**

As a customer

I want to pay for my selected movie tickets and receive a confirmation

So that I can be assured my booking is successful and I can attend the movie.

**Acceptance Criteria:**

1. Enter Payment Information:

- Given a user has selected their seats,

- When they proceed to the payment page,

- Then the system should provide options to enter payment details including credit card, debit card, or other payment methods.

2. Payment Processing:

- Given a user has entered valid payment information,

- When they submit the payment,

- Then the system should process the payment and display a confirmation message if the payment is successful.

3. Receive Booking Confirmation:

- Given the payment is successful,

- When the user completes the transaction,

- Then the system should generate and send a booking confirmation with ticket details to the user via email and display the same information on the screen.

These user stories and acceptance criteria ensure that key functionalities of a movie ticket booking system are covered, from searching for movies to selecting seats and completing the payment process.