**Assignment 2: Write 3 user stories with acceptance criteria.**

### **1. User Story: Hotel Booking**

#### **Description:**

As a traveler, I want to book a hotel room online so that I can have a place to stay during my trip.

#### **Acceptance Criteria:**

**Search for Hotels**

* **Given** I am on the hotel booking website,
* **When** I enter my destination, check-in date, and check-out date,
* **And** I click the "Search" button,
* **Then** I should see a list of available hotels for the specified dates.

**Filter and Sort Options**

* **Given** I have a list of available hotels,
* **When** I apply filters (e.g., price range, star rating, amenities),
* **Then** the list should update to show only the hotels that match the selected filters.
* **And** I should be able to sort the results by price, star rating, and distance from the destination.

**Select a Hotel**

* **Given** I have found a hotel that meets my criteria,
* **When** I click on the hotel name or "View Details" button,
* **Then** I should be redirected to the hotel’s detail page,
* **And** I should see detailed information about the hotel, including photos, description, amenities, room options, and guest reviews.

**Choose a Room**

* **Given** I am on the hotel’s detail page,
* **When** I select a room type and click "Book Now",
* **Then** I should be taken to the booking page with the selected room details pre-filled.

**Enter Guest Information**

* **Given** I am on the booking page,
* **When** I enter my personal information (name, email, phone number) and payment details,
* **And** I click the "Confirm Booking" button,
* **Then** my booking should be processed,
* **And** I should see a confirmation page with the booking details and a confirmation number.

**Booking Confirmation Email**

* **Given** I have successfully booked a room,
* **When** my booking is confirmed,
* **Then** I should receive a confirmation email with the booking details, confirmation number, and hotel information.

**Modify or Cancel Booking**

* **Given** I have a confirmed booking,
* **When** I click on the "Manage Booking" link in the confirmation email or on the website,
* **Then** I should be able to view, modify, or cancel my booking as per the hotel’s policies,
* **And** I should receive an email confirmation of any changes made.

**Error Handling**

* **Given** I am entering my booking details,
* **When** I leave any required field blank or enter invalid information,
* **Then** I should see an error message indicating which fields need to be corrected.

**Security Measures**

* **Given** I am on the booking page,
* **When** I enter my payment details,
* **Then** my payment information should be securely processed using SSL encryption,
* **And** I should see a security badge indicating that my information is protected.

### **2. User Story: Flight Booking**

#### **Description:**

As a traveler, I want to book a flight online so that I can travel to my desired destination on my preferred dates.

#### **Acceptance Criteria:**

**1. Search for Flights**

* **Given** I am on the flight booking website,
* **When** I enter my departure city, destination city, departure date, return date (if applicable), and the number of passengers,
* **And** I click the "Search" button,
* **Then** I should see a list of available flights for the specified criteria.

**2. Filter and Sort Options**

* **Given** I have a list of available flights,
* **When** I apply filters (e.g., airline, price range, number of stops, departure/arrival time),
* **Then** the list should update to show only the flights that match the selected filters.
* **And** I should be able to sort the results by price, duration, and departure time.

**3. Select a Flight**

* **Given** I have found a flight that meets my criteria,
* **When** I click on the flight option or "Select" button,
* **Then** I should be taken to the flight details page,
* **And** I should see detailed information about the flight, including airline, flight number, departure and arrival times, duration, layovers (if any), and baggage policies.

**4. Choose Seat and Additional Services**

* **Given** I am on the flight details page,
* **When** I select my preferred seat(s) and any additional services (e.g., meal preferences, extra baggage),
* **And** I click "Continue" or "Next",
* **Then** I should be taken to the passenger information page.

**5. Enter Passenger Information**

* **Given** I am on the passenger information page,
* **When** I enter the required information (name, date of birth, passport/ID number, contact details) for all passengers,
* **And** I click "Continue" or "Next",
* **Then** I should be taken to the payment page.

**6. Enter Payment Information**

* **Given** I am on the payment page,
* **When** I enter my payment details (credit/debit card information),
* **And** I click "Confirm Booking" or "Pay Now",
* **Then** my booking should be processed,
* **And** I should see a confirmation page with the booking details and a confirmation number.

**7. Booking Confirmation Email**

* **Given** I have successfully booked a flight,
* **When** my booking is confirmed,
* **Then** I should receive a confirmation email with the booking details, confirmation number, and flight itinerary.

**8. Modify or Cancel Booking**

* **Given** I have a confirmed booking,
* **When** I click on the "Manage Booking" link in the confirmation email or on the website,
* **Then** I should be able to view, modify, or cancel my booking according to the airline's policies,
* **And** I should receive an email confirmation of any changes made.

**9. Error Handling**

* **Given** I am entering my booking details,
* **When** I leave any required field blank or enter invalid information,
* **Then** I should see an error message indicating which fields need to be corrected.

**10. Security Measures**

* **Given** I am on the payment page,
* **When** I enter my payment details,
* **Then** my payment information should be securely processed using SSL encryption,
* **And** I should see a security badge indicating that my information is protected.

**11. Flight Status Notifications**

* **Given** I have a confirmed booking,
* **When** there are changes to my flight status (e.g., delays, cancellations),
* **Then** I should receive notifications via email and/or SMS with the updated information.

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### **3. User Story: Event Ticket Booking**

#### **Description:**

As a user, I want to book a ticket for an event online so that I can attend the event without any hassle.

#### **Acceptance Criteria:**

**Search for Events**

* **Given** I am on the ticket booking website,
* **When** I enter the name of the event, location, or date,
* **And** I click the "Search" button,
* **Then** I should see a list of available events matching my search criteria.

**Filter and Sort Options**

* **Given** I have a list of available events,
* **When** I apply filters (e.g., event type, date, location, price range),
* **Then** the list should update to show only the events that match the selected filters.
* **And** I should be able to sort the results by date, price, and popularity.

**Select an Event**

* **Given** I have found an event that interests me,
* **When** I click on the event name or "View Details" button,
* **Then** I should be redirected to the event’s detail page,
* **And** I should see detailed information about the event, including date, time, location, description, and ticket options.

**Choose Ticket Type and Quantity**

* **Given** I am on the event’s detail page,
* **When** I select the ticket type (e.g., General Admission, VIP) and quantity,
* **And** I click "Book Now" or "Proceed to Checkout",
* **Then** I should be taken to the checkout page with the selected ticket details pre-filled.

**Enter Attendee Information**

* **Given** I am on the checkout page,
* **When** I enter the required information (name, email, phone number) for each attendee,
* **And** I click "Continue" or "Next",
* **Then** I should be taken to the payment page.

**Enter Payment Information**

* **Given** I am on the payment page,
* **When** I enter my payment details (credit/debit card information),
* **And** I click "Confirm Booking" or "Pay Now",
* **Then** my booking should be processed,
* **And** I should see a confirmation page with the booking details and a confirmation number.

**Booking Confirmation Email**

* **Given** I have successfully booked tickets,
* **When** my booking is confirmed,
* **Then** I should receive a confirmation email with the booking details, confirmation number, and event information.

**Modify or Cancel Booking**

* **Given** I have a confirmed booking,
* **When** I click on the "Manage Booking" link in the confirmation email or on the website,
* **Then** I should be able to view, modify, or cancel my booking according to the event's policies,
* **And** I should receive an email confirmation of any changes made.

**Error Handling**

* **Given** I am entering my booking details,
* **When** I leave any required field blank or enter invalid information,
* **Then** I should see an error message indicating which fields need to be corrected.

**Security Measures**

* **Given** I am on the payment page,
* **When** I enter my payment details,
* **Then** my payment information should be securely processed using SSL encryption,
* **And** I should see a security badge indicating that my information is protected.

**Event Reminders**

* **Given** I have a confirmed booking,
* **When** the event date is approaching,
* **Then** I should receive reminder notifications via email and/or SMS with event details and any important information.