Requirement 1: Users shall be able to search for available flights.

Test Case Name: Flight Search
Objective: To verify that users can search for available flights by entering valid details.
Action: On the flight search page, enter a valid departure location, destination, date, number of passengers then click the "Search" button.
Assert: Check that a list of available flights matching the search criteria is displayed.

Requirement 2: Users shall be able to select a flight from the search results.

Test Case Name: Flight Selection
Objective: To verify that users can select a flight from the search results.
Action: After searching for flights, click on the "Select" button next to a flight in the search results.
Assert: Ensure that the selected flight details (flight number, price, departure, and arrival times) are displayed for confirmation.

Requirement 3: User should be able to know booking confirmation, payment status and details of purchased flight after booking

Test Case Name: Display booking process
Objective: To notify the user about their monetary transaction (their flight booking) whether it is successful or not, so that they are aware of the booking confirmation, payment status, and details of the purchased flight.
Action:

1. User selects a flight and clicks "Book Now."
2. User enters personal information (e.g., name, contact details).
3. User enters payment details and clicks "Confirm Payment."
4. System processes the payment and redirects to the booking confirmation page.

Assert: Verify that the booking confirmation page is displayed with:

- A clear success message (e.g., "Your booking is confirmed").
- Booking reference number.
- Flight details (departure, destination, date, time).
- Payment status (successful) and total cost.

Verify that a confirmation email with booking details is sent to the user.
If the payment fails, verify that an error message is displayed (e.g., "Payment unsuccessful. Please try again.") and no booking is confirmed.

Requirement 4: Users shall be able to choose their seat on the selected flight.

Test Case Name: Seat Selection
Objective: To verify that users can choose a seat on the flight.

Action: On the seat selection page, select an available seat by clicking on it and confirm the selection.
Assert: Confirm that the selected seat is marked as "Reserved" and is no longer available for other users.

Requirement 5: User should be able to log in to their current account

Test Case Name: User Login
Objective: To verify that users can successfully log in to the system.
Action: Enter valid credentials (e.g., email and password) on the login page and click the "Login" button.
Assert: Check that the user is logged in and redirected to the dashboard/homepage.

Test Case Name: Forget password
Objective: To verify that users can reset their password if they forget it during the login process.
Action:

1. On the login page, click the "Forgot Password" link.
2. Enter a registered email address in the provided field.
3. Click the "Submit" button to request a password reset.
4. Follow the instructions sent to the email (e.g., click the reset link and create a new password).

Assert: Verify that a password reset email is sent to the user and ensure that the user can successfully reset their password and log in using the new password

Requirement 6: User should be able to cancel their flights

Test Case Name: Flight Cancellation
Objective: To verify that users can cancel a booked flight.
Action: From the booking history page, select a booking and click the "Cancel" button.
Assert: Ensure that the booking is canceled, and a cancellation confirmation is sent to the user.

Requirement 7: User should be able to manage their profile inside the account

Test Case Name: Profile Management
Objective: To verify that users can update their profile information (e.g., name, email, password).
Action: Navigate to the profile settings page, update valid profile information, and click "Save Changes."
Assert: Check that the profile is updated successfully, and a confirmation message is shown.

Test Case Name: Adding Payment

Objective: To verify that users can add a payment method to their profile.
Action:

1. Navigate to the profile settings page and locate the "Payment Methods" section.
2. Click the "Add Payment Method" button.
3. Enter valid payment details (e.g., credit card number, expiration date, CVV).
4. Click "Save" to add the payment method to the user's profile.

Assert: Ensure that the payment method is added successfully and appears in the user's payment method list and verify that a confirmation message is shown, and the payment method is available for future bookings.

Requirement 8: User should be able to review booking history

Test Case Name: View Booking History
Objective: To verify that users can view their bookings history.
Action: On the user dashboard, navigate to the "Booking History" section and review previous bookings.
Assert: Check that all past and upcoming bookings are displayed accurately.

Requirement 9: User should be able to navigate and perform booking with ease

Test Case Name: User-friendly interface
Objective: To verify that the system provides a user-friendly interface, ensuring that users can easily navigate, understand, and complete the booking process without confusion or frustration.
Action:

1. Open the application and navigate to the flight booking page.
2. Select a flight and click the "Book Now" button.
3. Fill in all required personal and payment information.
4. Submit the payment by clicking "Confirm Payment."
5. Observe the confirmation page, notifications, and any follow-up actions.

Assert:

- Verify that the interface is intuitive and easy to navigate:
  - Clear labels and instructions for each field (e.g., name, payment details).
  - Accessible buttons (e.g., "Book Now," "Confirm Payment") that are easily identifiable and clickable.
- Confirm that the user receives appropriate feedback for each action:
  - A success message like "Booking confirmed!" is displayed after payment.
  - Any errors or missing fields are clearly highlighted with helpful instructions (e.g., "Please enter your name").
- Verify that the booking process can be completed quickly and without unnecessary complexity (ideally within a few steps).
- Ensure that the page loads quickly and the design is clean and uncluttered.

Requirement 10: Application should support more than one language.

Test Case Name: Multi-Language Support

Objective: To ensure that the application provides full support for multiple languages, allowing users to easily switch between them and view the content in their preferred language.

Action:

1. Open the application and navigate to the settings or language options page.
2. Select a different language (e.g., Spanish, French, etc.) from the language dropdown or settings menu.
3. Verify that the application updates the interface, menus, and content to the selected language.
4. Repeat steps 2 and 3 for multiple languages.

Assert:

- Confirm that all text, buttons, and labels are correctly translated into the selected language.
- Ensure that the formatting (e.g., date, time, and currency formats) adapts according to the selected language or region.
- Verify that the language switch is instant and does not require the user to refresh the page or restart the application.
- Check that the application retains the chosen language setting during subsequent sessions.
- Confirm that there are no untranslated text or errors (such as displaying text in the wrong language).

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