

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 based on their criteria.

Action: On the search flights page, input valid departure location, destination, and travel dates, then click the "Search" button.

Assert: Check that the system displays a list of available flights matching the input criteria.

Requirement 2: Users shall be able to select seats during the booking process

Test Case Name: Seat Selection

Objective: To verify that users can choose seats for their selected flights.

Action: After selecting a flight, input the number of passengers and choose seats.

Assert: Confirm that the selected seat is marked as reserved and added to the user's booking.

Requirement 3: Users shall be able to make payments for their bookings.

Test Case Name: Payment Processing

Objective: To ensure that users can successfully complete payments for flight bookings.

Action: On the payment page, input valid payment details (e.g., credit card information), then click the "Pay" button.

Assert: Verify that the payment is processed, and a booking confirmation is displayed with a receipt.

Requirement 4: Users shall be able to view their booking history

Test Case Name: Booking History

Objective: To verify that users can access their previous flight bookings.

Action: After logging in, navigate to the "Booking History" section.

Assert: Check that the user's past bookings are listed with details such as flight number, date, and status.

Requirement 5: Users shall be able to change their account password

Test Case Name: Change Password

Objective: To verify that users can successfully change their account password.

Action: After logging in, navigate to the "Profile" page, input the current password and a new valid password, then click the "Change Password" button.

Assert: Check that the system validates the current password, updates the password successfully, and displays a confirmation message. Ensure the user can log in with the new password and the old password is no longer valid.

Requirement 6: Users shall be able to cancel a flight booking

Test Case Name: Flight Cancellation

Objective: To verify that users can successfully cancel their flight booking.

Action: On the bookings page, select an active flight booking, click on "Cancel," and confirm the cancellation.

Assert: Check that the flight booking is marked as canceled, the status is updated in the booking history, and the user receives a cancellation confirmation message.