

Test Case ID	Test Case Description	Precondition	Test Steps	Expected Result	Actual Result	Pass/Fail	Comments
USER MODULE							
	User Registration (Sign Up):						
#TC001	Verify that a new user can successfully register with valid information.	The user is on the registration page.	1. Enter valid registration information, including first name, last name, email, mobile, password, and confirm password. 2. Click the "Continue" button.	The user is registered successfully and redirected to their account page.		Pass	
#TC002	Verify that a user cannot register with incomplete or missing information.	The user is on the registration page.	1. Leave one or more mandatory registration fields blank. 2. Click the "Register" button.	An error message is displayed for the missing or incomplete information, and registration fails.		Pass	
#TC003	Verify that a user cannot register with an already registered email address.	The user is on the registration page.	1. Enter an email address that is already registered. 2. Click the "Register" button.	An error message is displayed, indicating that the email address is already in use.		Pass	
#TC004	Verify that password and confirm password fields match during registration.	The user is on the registration page.	1. Enter a password that doesn't meet complexity requirements (e.g., too short). 2. Click the "Register" button.	An error message is displayed, indicating that the password doesn't meet the complexity requirements.		Pass	
#TC005	Verify that the system enforces password complexity requirements.						Not in scope
#TC006	Verify that the user receives a confirmation email after registration.	The user has successfully registered and received a confirmation email.	Click the confirmation link in the email.	The user's email is verified, and they are informed that their account is confirmed.			Not Implemented
#TC007	Verify that the user is directed to their login page after successful registration.					Pass	
#TC008	Verify that a user can select "Continue with Google" and successfully register.	The user is on the registration page.	1. Click "Continue with Google." 2. Select the Email.	The user should be registered with the selected email.		Pass	
#TC009	Verify that a user can select "Sign Up with Facebook" and successfully register.						Not Implemented
	User Login (Sign In):						
#TC010	Verify that a registered user can successfully log in with their email and password.	The user is on the login page.	1. Enter a valid email and password. 2. Click the "Log In" button.	The user is logged in and redirected to their account page.		Pass	
#TC011	Verify that a user cannot log in with incorrect email or password.	The user is on the login page.	1. Enter an incorrect email or password. 2. Click the "Log In" button.	An error message is displayed, indicating that the login was unsuccessful.		Pass	
#TC012	Verify that a user is redirected to their account page after successful login.						
#TC013	Verify that a user can select "Continue with Google" and successfully log in.	The user is on the login page.	Click "Continue with Google."	The user is successfully authenticated and logged in.		Pass	
#TC014	Verify that a user can select "Continue with Mobile OTP" and successfully log in.	The user is on the login page.	Click "Continue with Mobile OTP."	The user receives and successfully verifies a mobile OTP and is logged in.		Pass	
	User Account Management:						
#TC015	Verify that a user can view their account page with their profile information.	The user is logged in and on their account page.	Navigate to the account page.	The user can view their account page, which displays their profile information.		Pass	
#TC016	Verify that a user can update their profile information (e.g., name, email, mobile).	The user is logged in and on their account page.	1. Modify one or more pieces of profile information (e.g., name, email, mobile). 2. Save the changes.	The changes are saved, and the user's profile information is updated. The updated information is reflected on the account page.		Pass	
#TC017	Verify that changes to the profile information are saved and reflected in the account page.					Pass	
#TC018	Verify that a user can update their profile image.	The user is logged in and on their account page.	1. Click the "Change Profile Image" or similar button. 2. Upload a new profile image from their device. 3. Save the changes.	The new profile image is saved and displayed on the user's account page.			Not Implemented
#TC019	Verify the validation of the user sign-up page (e.g., email format, password complexity).						
#TC020	Verify the validation of the update profile information page.					Pass	
	Email Verification and Mobile Verification:						
#TC021	Verify that a user receives an email OTP for email verification.	The user is logged in and on their account page.	Click the "Verify" link within the email box.	Four digit OTP should be recieved on the email.	OTP recieved.	Pass	
#TC022	Verify that the email OTP code verifies the email and confirms the email.	The user is logged in and on their account page.	1. Check the registered email for the OTP. 2. Copy the OTP from the email that you get. 3. Paste it in the input box. 4. Click on the "Done" button.			Pass	
#TC023	Verify that a user receives a mobile OTP for verification.	The user is logged in and on their account page.				Pass	
#TC024	Verify that the mobile OTP verification process is successful.	The user is logged in and on their account page.				Pass	
	Forgot Password:						
#TC025	Verify that a user can request a password reset by providing their email.	The user is on the login page.	1. Click the "Forgot Password" or similar link. 2. Enter their registered email. 3. Click the "Submit" button.	The user receives a password reset email with a functional link to reset their password.		Pass	
#TC026	Verify that the user receives an email with a password reset link.					Pass	
#TC027	Verify that the password reset link is functional and allows the user to set a new password.					Pass	

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#TC028	Verify that the user can log in with the new password after resetting it.					Pass	
	Change Password:						
#TC029	Verify that a logged-in user can change their password.	The user is logged in and on their account page.	1. Navigate to the "Change Password" section. 2. Enter the current password and a new password. 3. Save the changes.	The user's password is successfully updated, and they can log in with the new password.		Pass	
#TC030	Verify that the new password is saved and functional for subsequent logins.					Pass	
	UI and Design:						
#TC031	Verify the user interface and design of the sign-up page.	The user is on the sign-up page.	Review the elements and layout of the sign-up page.	The sign-up page has a user-friendly and visually appealing design with all necessary fields and elements for registration.		Pass	
#TC032	Verify the user interface and design of the sign-in page.	The user is on the sign-in page.	Review the elements and layout of the sign-in page.	The sign-in page has a user-friendly and visually appealing design with clear login options and fields.		Pass	
#TC033	Verify the user interface and design of the account page.	The user is on their account page.	Review the elements and layout of the account page.	The account page has an organized and visually pleasing design with access to the user's profile information.		Fail	
USER REVIEW AND RATING							
#TC034	User Can Submit a Review and Rating	User is logged in and on the Review and Rating section of the flight booking system.	1. Enter text in the review field. 2. Select a rating (e.g., from 1 to 5 stars). 3. Click the "Submit" button.	1. The review is successfully submitted. 2. The submitted review and rating are displayed on the web page.			
#TC035	User Cannot Submit an Empty Review	User is logged in and on the Review and Rating section.	1. Leave the review field empty. 2. Select a rating (e.g., 3 stars). 3. Click the "Submit" button.	An error message appears, indicating that a review cannot be submitted without text.			
#TC036	User Cannot Submit a Rating Without a Review	User is logged in and on the Review and Rating section.	1. Enter text in the review field. 2. Do not select a rating. 3. Click the "Submit" button.	An error message appears, indicating that a rating is required to submit a review.			
#TC037	Maximum Character Limit for Review	User is logged in and on the Review and Rating section.	1. Enter a review that exceeds the maximum character limit. 2. Select a rating (e.g., 4 stars). 3. Click the "Submit" button.	An error message appears, indicating that the review text exceeds the character limit.			
#TC038	Display of Average Rating	There are multiple reviews with ratings on the system.	Calculate the average rating based on existing reviews.	The calculated average rating is displayed on the web page.			
#TC039	Sorting of Reviews	There are multiple reviews with ratings on the system.	Choose a sorting option (e.g., "Most Recent" or "Highest Rating").	The reviews are displayed in the selected sorting order.			
FLIGHT SEARCH							
1	Verify that the flight search page loads correctly.	The user is on the flight search page.	1. Open the flight search page.	The flight search page loads without errors.		Pass	
2	Check if the search form contains all required fields.	The user is on the flight search page.	1. Inspect the search form.	The search form contains fields for Flying from, Flying to, Departure date, Return date, One-way, Round-trip, Class, Passenger.		Pass	
3	Test a valid flight search.	The user is on the flight search page.	1. Fill in valid search criteria, including departure and destination cities, a valid departure date, and the number of passengers. 2. Click the 'Search' button.	The system displays a list of available flights that match the search criteria. The results include relevant flight information.		Pass	
3.a	Verify that the system returns results for a direct flight.	The user has initiated a flight search.	1. Filter the search criteria to request direct flights only. 2. Click the 'Search' button.	The system displays a list of available direct flights that match the search criteria. The results show flights with no layovers or stops.		Pass	
3.b	Verify that the system returns results for connecting flights.	The user has initiated a flight search.	1. Filter the search criteria to include connecting flights. 2. Click the 'Search' button.	The system displays a list of available flights, including connecting flights that match the search criteria. The results show flights with layovers or stops.		Pass	
3.c	Verify that the system returns results for a one-way trip.	The user has initiated a flight search.	1. Select the one-way trip option. 2. Fill in valid search criteria for the one-way trip. 3. Click the 'Search' button.	The system displays a list of available one-way flights that match the search criteria.		Pass	
3.d	Verify that the system returns results for a round-trip.	The user has initiated a flight search.	1. Select the round-trip option. 2. Fill in valid search criteria for the round-trip. 3. Click the 'Search' button.	The system displays a list of available round-trip flights that match the search criteria. The results should include outbound and return flights.		Pass	
4	Test an invalid flight search with missing fields.	The user is on the flight search page.	1. Leave one or more required fields empty. 2. Click the 'Search' button.	The system should display an error message indicating that all required fields must be filled. It prevents the search from proceeding with missing information.		Pass	
4.a	Leave the departure city field empty.	The user is on the flight search page.	1. Leave the departure city field empty. 2. Fill in valid values for other required fields (e.g., destination, departure date, passengers). 3. Click the 'Search' button.	The system should display an error message specifically indicating that the departure city field is required. It prevents the search from proceeding until the departure city is filled.		Pass	

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4.b	Leave the destination city field empty.	The user is on the flight search page.	1. Leave the destination city field empty. 2. Fill in valid values for other required fields (e.g., departure city, departure date, passengers). 3. Click the 'Search' button.	The system should display an error message specifically indicating that the destination city field is required. It prevents the search from proceeding until the destination city is filled.		Pass	
4.c	Leave the departure date field empty.	The user is on the flight search page.	1. Leave the departure date field empty. 2. Fill in valid values for other required fields (e.g., departure city, destination, passengers). 3. Click the 'Search' button.	The system should display an error message specifically indicating that the departure date field is required. It prevents the search from proceeding until the departure date is filled.		Pass	
4.d	Leave the return date field empty (for round-trip).	The user is on the flight search page.	1. Select the round-trip option. 2. Leave the return date field empty. 3. Fill in valid values for other required fields (e.g., departure city, destination, departure date, passengers). 4. Click the 'Search' button.	The system should display an error message specifically indicating that the return date field is required for round-trip searches. It prevents the search from proceeding until the return date is filled for round-trip flights.		Pass	
5	Verify that the date picker opens when the user clicks on the date field.	The user is on the flight search page, and the date field is available for selection.	1. Navigate to the flight search page. 2. Locate the date field for selecting the departure or return date. 3. Click on the date field.	The date picker should open when the user clicks on the date field, providing a calendar or input method for selecting a date. The date picker should allow the user to pick a date for the flight search.		Pass	
6	Test searching for flights with non-standard characters (e.g., special characters, accents).	The user is on the flight search page.	1. Fill in the search criteria, including the departure city, destination city, departure date, and passengers. 2. Use non-standard characters in the search criteria, such as special characters or accented letters (e.g., "New York Café" instead of "New York Cafe"). 3. Click the 'Search' button.	The system should accurately interpret and process search criteria with non-standard characters, providing search results that match the entered criteria. It should handle special characters and accents gracefully and return relevant flight options.		Fail	
7	Test searching for flights with a large number of passengers.	The user is on the flight search page.	1. Fill in the search criteria, including the departure city, destination city, departure date, and the number of passengers. 2. Enter a high number of adult passengers (e.g., 100 adults). 3. Click the 'Search' button. 4. Repeat the search, but this time enter a high number of children passengers (e.g., 50 children). 5. Repeat the search again, but this time enter a high number of infant passengers (e.g., 30 infants).	The system should be able to handle and process searches with a large number of passengers, including adults, children, and infants. It should return search results that accommodate the specified number of passengers without errors.		Fail	
7.a	Verify that the system can handle searching for a high number of adults.					Fail	
7.b	Verify that the system can handle searching for a high number of children.					Fail	
7.c	Verify that the system can handle searching for a high number of infants.					Fail	
8	Test searching for flights with infants and ensure the system calculates the total passengers correctly.	The user is on the flight search page.	1. Fill in the search criteria, including the departure city, destination city, departure date, and passengers. 2. Specify a number of adult passengers. 3. Specify a number of children passengers. 4. Specify a number of infant passengers. 5. Click the 'Search' button.	The system should calculate the total number of passengers correctly, taking into account adults, children, and infants. The search results should display flight options that match the specified number of passengers for each age group.		Pass	
9	Verify that the system provides options for sorting search results by price, duration, airlines and departure time.	The user has initiated a flight search and is on the search results page.	1. Inspect the search results page for sorting options. 2. Click on the sorting options for price, duration, and departure time.	The system should offer sorting options for search results. When the user selects a sorting option (e.g., price), the search results should be rearranged according to the chosen criteria.		Fail	
10	Test applying filters to search results (e.g., non-stop flights, specific airlines).	The user has initiated a flight search and is on the search results page.	1. Look for filter options, such as non-stop flights and specific airlines. 2. Apply filters by selecting non-stop flights and a particular airline.	The system should provide filter options, and when applied, it should refine the search results to show only non-stop flights of the selected airline. The filtered results should match the user's criteria.		Pass	
11	Verify that the system provides clear error messages for invalid search criteria (e.g., past departure date).	The user is on the flight search page.	1. Fill in the search criteria, including a past departure date. 2. Click the 'Search' button.	The system should detect invalid search criteria, such as a past departure date, and provide a clear error message indicating the issue. It should prevent the search from proceeding until valid criteria are entered.		Pass	
12	Test searching for flights with a specific airline.	The user is on the flight search page.	1. Fill in the search criteria, including the departure city, destination city, departure date, and passengers. 2. Specify a specific airline for the search. 3. Click the 'Search' button.	The system should display flight options that match the specified airline for the search criteria. It should filter the results to include only flights from the chosen airline.		Fail	
13	Verify that the system handles search for a one-way trip with a return date provided.	The user is on the flight search page.	1. Select the one-way trip option. 2. Fill in valid search criteria for the one-way trip, including a departure city, destination city, and departure date. 3. Provide a return date in the search criteria. 4. Click the 'Search' button.	The system should correctly interpret the search criteria as a one-way trip and should not consider the return date in the search. It should display one-way flight options without errors.		Pass	
14	Test searching for flights where the departure and destination cities are the same.	The user is on the flight search page.	1. Fill in the search criteria, including the same departure and destination cities. 2. Click the 'Search' button.	The system should accept the search criteria with the same departure and destination cities. It should display relevant flight options, even if it's a one-way trip returning to the same city.		Pass	
15	Verify that the system correctly displays the flight's layover information for connecting flights.	The user is on the flight search page.	1. Fill in the search criteria for a connecting flight, including departure and destination cities, departure date, and passengers. 2. Click the 'Search' button.	The system should display flight options with layover information, including the duration and location of layovers, for connecting flights. It should help users make informed choices.		Pass	

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16	Test a flight search where no results are available for the given criteria.	The user is on the flight search page.	1. Fill in the search criteria, including cities, dates, and passengers, where no available flights match the criteria. 2. Click the 'Search' button.	The system should recognize that no available flights match the entered criteria and should display an error message indicating that no results were found.		Pass	
17	Verify that the system displays an error message when no results are found.	The user is on the flight search page.	Conduct a search that results in no available flights.	The system should provide a clear error message when no results are found. The message should guide the user to refine their search criteria.		Pass	
18	Test searching for flights on a specific date.	The user is on the flight search page.	1. Fill in the search criteria for a specific date, including departure and destination cities, a single date, and passengers. 2. Click the 'Search' button.	The system should display flight options for the specified date, showing flights available on the chosen date.		Pass	
19	Verify that the system can handle searches with flexible dates.	The user is on the flight search page.	1. Fill in the search criteria for flexible dates, allowing some date range for departure and return. 2. Click the 'Search' button.	The system should provide flight options for the flexible date range, allowing users to choose from a range of dates.		Pass	
20	Test searching for flights to popular tourist destinations.	The user is on the flight search page.	1. Fill in the search criteria for a well-known tourist destination. 2. Click the 'Search' button.	The system should display relevant flight options to the popular tourist destination, offering convenient travel solutions for tourists.		Fail	
21	Verify that the system can handle very long flight durations.	The user is on the flight search page.	1. Fill in the search criteria for long flight durations, indicating extended travel time. 2. Click the 'Search' button.	The system should provide flight options with very long flight durations, catering to users who have extended travel requirements.		Pass	
22	Test searching for a flight within the maximum and minimum passenger limits.	The user is on the flight search page.	1. Fill in the search criteria with the maximum number of passengers allowed. 2. Click the 'Search' button. 3. Repeat the test with the minimum number of passengers allowed.	The system should accept search criteria within the specified passenger limits, showing flight details, including flight number, departure time, arrival time, and duration, accurately for the chosen number of passengers.		Fail	
23	Verify that the system displays flight details, including flight number, departure time, arrival time, and duration.	The user is on the flight search results page.	1. Conduct a flight search with valid criteria, including departure and destination cities, a departure date, and the desired number of passengers. 2. Review the search results displayed. 3. Examine the details of each flight option, including flight number, departure time, arrival time, and duration.	The system should display comprehensive flight details for each available flight option. This information should include the flight number, departure time, arrival time, and the duration of the flight. Users should be able to easily access and evaluate this information to make informed decisions.		Pass	
24	Test searching for flights on different devices (e.g., desktop, mobile, tablet) to ensure responsiveness.	The user is on various devices, including desktop, mobile, and tablet.	1. Access the flight search page from different devices. 2. Conduct flight searches on each device.	The system should provide a responsive user interface that adapts to different devices, ensuring a consistent and user-friendly experience.		Fail	
25	Verify that the system provides a clear way to reset search criteria and start a new search.	The user is on the flight search page.	1. Conduct a flight search. 2. Look for an option or button to reset search criteria. 3. Click the reset option.	The system should offer a clear way for users to reset search criteria and start a new search, ensuring a seamless user experience.		Pass	
FLIGHT BOOKING							
	Verify that user can book one way flight from the searched flight list.						
	Verify that user can book round trip flight from the search flight list.						
	Verify that user can book flight with tripjack vendor for one way trip.						
	Verify that user can book flight with tripjack for round trip.						
	Verify that user can book flight with TBO vendor for one way.						
	Verify that user can book flight with TBO vendor for round trip.						
	Verify that user can book flight with GO Fly vendor for one way.						
	Verify that user can book flight with GO Fly vendor for one round trip.						
	Verify that user can fill the passengers details on the booking page.						
	Verify that user can enter the contact details on the booking page.						
	Verify that user can select meal for each passenger from the available option.						
	Verify that user can select baggage for each passenger from the baggage section.						
	Verify that user can select the seat from the available option from the seat selection.						
	Verify that user can see the fare break up for flight that he is going to book.						

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