

User Acceptance Testing (UAT) Template

Date	24-062025
Team ID	LTVIP2025TMID53108
Project Name	FlightFinder
Maximum Marks	

Project Overview:

Project Name: Flight Finder


Project Description: Flight Finder is a smart, real-time flight discovery platform that delivers personalized recommendations and price alerts using dynamic search and adaptive indexing.










List of Features and Functionalities to be Tested

- User Registration via Gmail
- Email Confirmation workflow
- Flight Search functionality (by source, destination, date)
- Sort operations (price, relevance, travel time)
- Price Drop Alerts for selected routes
- Personalized Flight Recommendations
- Redirection to external booking platforms
- Redirection success/failure tracking
- User Dashboard (saved searches, alerts, activity)
- Admin Panel (analytics dashboard, search index configurations)
- Customer Support (ticket handling and response)
- System responsiveness, performance under load, and API integration stability

List of User Stories or Requirements to be Tested

- FR-1: User Registration
- FR-2: User Confirmation
- FR-3: Flight Search
- FR-4: Alerts & Recommendations

- FR-5: Booking Redirection
- FR-6: User Dashboard
- FR-7: Admin Functions
- FR-8: Customer Support
- Sure thing, MD! Here's a set of sample **Test Cases** tailored to the *FlightFinder* project:
-  **FlightFinder Test Cases**

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	Gmail-based User Registration	1. Navigate to registration page 2. Click "Sign up with Gmail" 3. Complete OAuth login	User account is successfully created and redirected to dashboard	[Fill after test]	[ / 
TC-002	Email Confirmation Flow	1. Register with Gmail 2. Open verification email 3. Click confirmation link	Email verified, user account becomes active	[Fill after test]	[ / 
TC-003	Search Flights by Source, Destination, Date	1. Enter valid source and destination 2. Pick a travel date 3. Submit search	List of matching flights displayed with accurate details	[Fill after test]	[ / 
TC-004	Sort Flights by Price	1. Perform a search 2. Select "Sort by Price" 3. Observe flight list	Flights reordered from lowest to highest price	[Fill after test]	[ / 
TC-005	Set Price Alert for Route	1. Search for flight 2. Click "Set Price Alert" 3. Confirm alert setup	Alert created successfully with confirmation message	[Fill after test]	[ / 
TC-006	Receive Personalized Flight Recommendations	1. Login as user with prior history	Personalized flights shown based on past searches	[Fill after test]	[ / 

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
		2. Visit home/dashboard			
TC-007	Redirect to External Booking Site	1. Search and select a flight 2. Click "Book Now" link	Redirect occurs to airline/partner booking site	[Fill after test]	[✓ / ✗]
TC-008	Track Booking Redirect Outcome	1. Perform a redirect 2. Check logs/analytics	Redirection is tracked and result is recorded (success/failure)	[Fill after test]	[✓ / ✗]
TC-009	Admin Views Search Analytics	1. Login as Admin 2. Go to Analytics tab	Graphs/statistics of user searches and behavior displayed	[Fill after test]	[✓ / ✗]
TC-010	Customer Support Ticket Handling	1. User submits support request 2. Admin logs in 3. Responds and closes	Ticket marked as "closed" and user notified	[Fill after test]	[✓ / ✗]

Flight Finder – Bug Tracking Log

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
BG-001	Flight search results not loading	1. Navigate to home 2. Enter source/destination 3. Click 'Search'	High	Open	Likely due to timeout or query misfire
BG-002	Gmail login fails on mobile browser	1. Open site on mobile 2. Click 'Login with Gmail' 3. Approve OAuth flow	Medium	In Progress	Works on desktop ; mobile redirect breaks

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
BG-003	Price alert button unresponsive	1. Search any route 2. Click 'Set Price Alert' 3. Observe no response	Medium	Open	JavaScript error in alert function
BG-004	Sorting by duration shows incorrect order	1. Perform flight search 2. Select 'Sort by Travel Time' 3. View listed flights	Low	Open	Some flights with longer duration listed first
BG-005	Admin panel analytics not loading	1. Login as admin 2. Go to Analytics tab 3. Wait for load	High	Open	Backend API returns 500 error
BG-006	Redirection tracking not recording events	1. Click 'Book Now' 2. Redirect to airline site 3. Check dashboard logs	Medium	In Progress	Tracking missing for some providers

Sign-off:

Tester Name: Mohammad Ali Akmal Baig

Date: 24-06-2025

Signature: Md Ali

Notes:

Comprehensive Coverage: Ensure all test cases address both **positive and negative scenarios**, validating normal workflows as well as edge cases and invalid inputs.

- **Tester Feedback:** Encourage testers to document **detailed observations**, usability issues, and **suggestions for feature or interface improvement** throughout the testing cycle.
- **Bug Reporting:** All bugs must include:
 - A clear **description of the issue**
 - Detailed **steps to reproduce**
 - Defined **severity level** (Low, Medium, High)
 - Current **status** (Open, In Progress, Closed)
- **Deployment Approval:** Final deployment must only proceed after receiving **formal sign-off from both the Project Manager and the Product Owner**, confirming that all critical paths are verified and resolved.