**User Acceptance Testing (UAT) Template**

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| --- | --- |
| Date | 25 June 2025 |
| Team ID | LTVIP2025TMID59290 |
| Project Name | Flight Finder – Navigating Your Air Travel Options |
| Maximum Marks |  |

**Project Overview:**

Project Name: Flight Finder – Navigating Your Air Travel Options

Project Description:

Flight Finder is a full-stack MERN web application that helps users compare and book flights based on preferences such as dates, budget, airline, and layover options. It also features filters, real-time price tracking, and user-friendly UX for easy navigation.

Project Version: [1.0.0]

Testing Period: 25/06/2025 to 27/06/2025

**Testing Scope:**

** Features to be Tested:**

* **User registration and login**
* **Flight search with filters**
* **Booking flow and confirmation**
* **Payment gateway simulation**
* **View and manage bookings**
* **Admin dashboard for flight data management**

** User Stories or Requirements:**

* **As a user, I can register and log in to access booking features.**
* **As a user, I can search for flights with filters (date, time, airline).**
* **As a user, I can book a flight and receive a confirmation.**
* **As an admin, I can add, edit, or delete flight listings.**
* **As a user, I can view all my previous and upcoming bookings.**

**Testing Environment:**

URL/Location: [Local Host]

Credentials (if required):

Admin : [admin@gmail.com /](mailto:admin@gmail.com%20/) admin

User : [custom@gmail.com](mailto:custom@gmail.com) / custom

Operator : [pilot@gmail.com](mailto:pilot@gmail.com) / pilot (or) [operator2@gmail.com](mailto:operator2@gmail.com) / op2

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration | 1. Go to signup page  2. Enter details  3. Click signup | User is registered and redirected to login | As expected | Pass |
| TC-002 | Flight Search with Filters | 1. Login  2. Enter "Hyderabad" to "Delhi"  3. Select date & filter | Flights listed as per filter and date | As expected | Pass |
| |  | | --- | | TC-003 |  |  | | --- | |  | | Booking a Flight | 1. Select flight  2. Enter details  3. Confirm | Booking success message shown with reference ID | As expected | Pass |
| |  | | --- | | TC-004 |  |  | | --- | |  | | View Past and Upcoming Bookings | 1. Go to “My Bookings”  2. Check booking list | Shows accurate bookings data with status | As expected | Pass |
| |  | | --- | | TC-005 |  |  | | --- | |  | | Admin Flight Management | 1. Login as admin  2. Add/Edit/Delete a flight | Flight list updates accordingly | As expected | Pass |
| |  | | --- | | TC-006 |  |  | | --- | |  | | Invalid Login Handling | 1. Enter wrong credentials  2. Try login | Error message displayed | As expected | Pass |
| |  | | --- | | TC-007 |  |  | | --- | |  | | Search with No Results | 1. Search an unavailable route  2. Observe UI | Message like “No flights found” displayed | As expected | Pass |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | “Book Now” button unresponsive | 1. Search flights  2. Click “Book Now” on Safari browser | Medium | Closed | Issue fixed by adding cross-browser support |
| BG-002 | Flight search occasionally slow | 1. Enter route  2. Click search  3. Observe response | |  | | --- | | Low |  |  | | --- | |  | | |  | | --- | | In Progress |  |  | | --- | |  | | |  | | --- | | Recommend implementing loading skeletons |  |  | | --- | |  | |
| |  | | --- | | BG-003 |  |  | | --- | |  | | |  | | --- | | Admin  delete fails  without error  msg |  |  | | --- | |  | | 1. Login as admin  2. Delete flight  3. Nothing happens | High | Open | Add alert/toast message on failure |

**Sign-off:**

Tester Name: Dinesh Davuluri

Date: 26/06/2025

Signature: [Tester's Signature]

**Notes:**

* Ensure that all test cases cover both positive and negative scenarios.
* Encourage testers to provide detailed feedback, including any suggestions for improvement.
* Bug tracking should include details such as severity, status, and steps to reproduce.