# User Acceptance Testing (UAT) Document

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| --- | --- |
| Date | 30-06-2025 |
| Team ID | LTVIP2025TMID43096 |
| Project Name | Flight Finder: Navigating Your Air Travel Options |
| Maximum Marks |  |

## Project Overview:

Project Name: Flight Finder: Navigating Your Air Travel Options

Project Description:

A web-based flight booking system built using the MERN stack that allows users to search, book, and manage flight reservations. Admins can manage flights and view bookings.

Project Version: 1.0.0

Testing Period: 25-06-2025 to 30-06-2025

## Testing Scope:

**Features to be Tested:**- User registration and login  
- Search for available flights  
- Booking flights  
- View booking history  
- Admin login  
- Add, update, delete flight details

**User Stories or Requirements to be Tested:**

- As a Customer, I can register, search, and book flights.

- As a Customer, I can view and manage my bookings.

- As an Admin, I can view all bookings and users.

- As an Admin, I can manage flight operators (if implemented).

- As a Flight Operator, I can add, update, and delete flight listings.

- As a Flight Operator, I can log in and view assigned functionalities.

## Testing Environment:

URL: http://localhost:3000

Credentials:  
User - testuser@example.com / test123  
Admin – admin2@example.com / password123

Flight operator – [indigo81@gmail.com](mailto:indigo81@gmail.com)/ indigo@551

## Test Cases:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Pass/Fail |
| TC-001 | User registration | 1. Visit site 2. Click Register & Fill form  3.Submit | Account created and redirected to login | Works as expected | Pass |
| TC-002 | User login | 1.Visit site  2. Enter credentials 3. Click Login | Redirect to homepage | Works as expected | Pass |
| TC-003 | Search flights | 1.Login  2.Enter source & destination 3. Click Search | Display list of available flights | Works as expected | Pass |
| TC-004 | Book flight | 1.Search flight  2.Click Book 3. Confirm details | Booking confirmation shown | Booking failed due to flight not added | Fail |
| TC-005 | View bookings | 1.Login  2.Go to My Bookings | Show all previous bookings | Works as expected | Pass |
| TC-006 | Admin add flight | 1.Login as admin  2. Add new flight details 3. Submit | Flight added and listed | Error: “Failed to add” – Bug | Fail |
| TC-007 | Admin view bookings | 1.Admin  2.Click Bookings tab | Show list of all user bookings | Works as expected | Pass |

## Bug Tracking:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bug ID | Bug Description | Steps to Reproduce | Severity | Status | Additional Feedback |
| BG-001 | Admin unable to add flight | Login as admin → Fill flight form → Click Add | High | Open | Possibly backend API or DB connection issue |
| BG-002 | Booking fails without flight | Try booking when no flight is added by admin | Medium | Open | Needs validation if flights are missing |

## Sign-off:

Tester Name: Afrid

Date: 30-06-2025

Signature: Molla Afrid

**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.  
- Obtain sign-off from both the project manager and product owner before proceeding with deployment.