**User Acceptance Testing (UAT) Template**

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| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID56176 |
| Project Name | FlightFinder: Navigating Your Air Travel |
| Maximum Marks | 4 marks or 5 marks |

**Project Overview:**

| **Field** | **Details** |
| --- | --- |
| **Project Name:** | FlightFinder: Navigating Your Air Travel Options |
| **Project Description:** | A user-friendly web application that helps travelers effortlessly search, explore, and book flight tickets. The app offers advanced filtering, real-time availability, secure payments, seat selection, and personalized features to enhance the travel booking experience. |
| **Project Version:** | 1.0 |
| **Testing Period:** | 19-06-2025 to 28-06-2025 |

**Testing Scope:**

**Features and Functionalities to be Tested:**

* User Registration & Login (Authentication)
* Flight Search (based on source, destination, date, class, passengers)
* Filtering and Sorting flight options
* Booking workflow (seat selection, payment, confirmation)
* View e-tickets and itineraries
* Admin dashboard and management (flights, users, bookings)
* Payment gateway integration
* Responsiveness and usability across devices

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

* As a traveler, I want to filter flights by direct flights only.
* As a traveler, I want to select my preferred airline.
* As a traveler, I want to choose my seat in the booking process.
* As a traveler, I want to securely pay and receive confirmation.
* As an admin, I want to manage flights and view booking details.

**Testing Environment:**

URL/Location:

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|  |

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| <http://localhost:5172> |

**Test Cases:**

| **Test Case ID** | Test Scenario | Test Steps | Expected Result | Actual Result | Pass/Fail |
| --- | --- | --- | --- | --- | --- |
| **TC-001** | Search for flights with direct flight filter | 1. Login to app2. Enter source: New York City3. Enter destination: Paris4. Select departure: April 10th, return: April 15th5. Select Business class & 1 passenger6. Apply direct flight filter | Only direct flights are shown in results | [Record actual outcome] | [Pass/Fail] |
| **TC-002** | Choose seat during booking | 1. Search and select flight2. Proceed to booking3. Select window seat with extra legroom | Selected seat is reflected in booking summary | [Record actual outcome] | [Pass/Fail] |
| **TC-003** | Make secure payment | 1. Enter payment details2. Confirm payment | Payment succeeds and booking confirmation & e-ticket are generated | [Record actual outcome] | [Pass/Fail] |
| **TC-004** | Admin manages flight list | 1. Login as admin2. Navigate to admin dashboard3. Add/edit/delete flight | Changes are saved and reflected in flight search | [Record actual outcome] | [Pass/Fail] |
| **...** | ... | ... | ... | ... | ... |

**Bug Tracking:**

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| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | App crashes on payment submission | 1. Search flight2. Select flight3. Enter payment details4. Click confirm | High | Open | App needs better error handling |
| BG-002 | Seat map not loading properly on mobile | 1. Open booking on mobile2. Go to seat selection | Medium | In Progress | Test on multiple screen sizes |

**Sign-off:**

Tester Name: Yalagada Sai Siva Durga Dhanalakshmi

Date: 27-06-2025

Signature: Yalagada Durga

**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.