

Master Test Plan

Objectives

The primary goals of this test plan are to:

- Validate the end-to-end functionality of the application through UI-based manual testing.
- Ensure all user flows are functional and defect-free before production.
- Confirm that test cases and their execution are traceable using Zephyr Scale in JIRA.

Scope of Testing

In-Scope:

- UI Testing for: Login, Flight Search, Ticket Booking, and the Inquiry Form.
- Testing Type: Manual Test Execution.

Out of Scope:

- API Testing
- Automated Test Execution

Roles and Responsibilities

Test Lead: Aman Garg (Product Owner & QA Tester for Login functionality).

QA Team:

- Arghyadip Santra (QA Tester for Ticket Booking functionality).
- Chirag Guruswamy (QA Tester for Flight Search functionality).
- Sakshi (QA Tester for Enquiry functionality).

Test Environment

- URL: <https://webapps.tekstac.com/FlightBooking/login.html>
- Access: All QA members have login access with both QA and admin roles.

Tools

- Jira
- Zephyr Test Case Management

Schedules

Phase	Start Date	End Date	Key Activities
Test Planning & Design	June 20, 2025	June 22, 2025	Create Test Data Sheet, write and review test cases in Zephyr.
Test Execution Cycle 1	June 23, 2025	June 25, 2025	Execute all test cases for assigned modules, log defects in Jira.
Regression & Re-testing	June 26, 2025	June 28, 2025	Verify fixed defects, run regression tests on impacted areas.
Final Reporting	June 29, 2025	Jul 1, 2025	Prepare final Bug Report and Test Execution Report.
Sign-off	Jul 2, 2025	Jul 4, 2025	Final review and stakeholder sign-off.

Entry and Exit Criteria

Entry Criteria:

- The application is deployed and stable on the test environment URL.
- All members of the QA Team have confirmed their access.
- Test cases and the Test Data Sheet have been created and internally reviewed.
- The development team has provided build notes for the version under test.

Exit Criteria (Conditions to END testing):

- 100% of all planned test cases have been executed.
- There are no open "Blocker" or "Critical" severity defects.
- All high-severity defects have a documented resolution plan.

- All required test deliverables (Bug Report, Test Execution Report, Traceability Matrix) have been completed and delivered.

Deliverables

The following documents will be delivered upon completion of the testing phase:

- Master Test Plan
- Test Data Sheet
- Traceability Matrix
- Bug Report
- Test Execution Report
- Product Backlog
- Sprint Backlog
- Sprint Retrospective Notes