| |  | | --- |      | **TEST EXECUTION REPORT** | | --- |   **Project Name**    **Breaking the Skies – Travel Booking Platform**   | **Prepared By**  **Thoorpati Swathi** | | --- | |
| --- | --- | --- | --- |

## **1. Overview**

The following report presents a summarized view of test execution for the BlazeDemo travel booking website. It outlines scenario-wise results including test counts, pass/fail status, and insight into areas needing improvement.

## **2. Test Cases Summary**

| **Test Scenario ID** | **Test Scenario Description** | **Priority** | **Severity** | **Number of Test Cases** | **Passed** | **Failed** | **Bugs Reported** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| TS-001 | Verifying Flight Search | P0 | Critical | 22 | 12 | 10 | 10 |
| TS-002 | Verifying Flight Listing | P0 | Critical | 15 | 8 | 7 | 7 |
| TS-003 | Verify Passenger Form (Booking) | P0 | Critical | 30 | 18 | 12 | 12 |
| TS-004 | Verify Booking Confirmation | P0 | Major | 30 | 20 | 10 | 10 |

### **Summary Totals:**

* **Total Test Cases**: 97
* **Passed**: 58
* **Failed**: 39
* **Pass Percentage**: (58 / 97) × 100 = **59.79%**
* **Fail Percentage**: (39 / 97) × 100 = **40.21%**

## **3. Root Cause Analysis**

**Failed Test Case Observations**:

* **Flight Search**: Issues in filter logic and invalid input handling.
* **Flight Listing**: Pagination and sorting malfunctions.
* **Passenger Form**: Input validation errors, missing mandatory fields.
* **Booking Confirmation**: Confirmation mismatches and UI lags.

**Common Causes**:

* Insufficient validation logic
* UI responsiveness issues on slower networks
* Inconsistent error messaging or missing alerts

## **4. Recommendations**

* **Bug Resolution**: Focus on fixing P0 critical bugs immediately.
* **Automation**: Implement automated test coverage for Booking and Search flows.
* **UI/UX Consistency**: Ensure error states are handled gracefully across the platform.
* **Regression Strategy**: Design comprehensive regression test suite after each fix.

## **5. Conclusion**

The BlazeDemo website testing has exposed significant issues in critical booking areas. Resolving these failures and reinforcing test coverage will be crucial to ensure platform stability and reliability.