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

## **1. Overview**

This Bug Summary Report documents and analyzes all defects identified during the functional and exploratory testing of the BlazeDemo travel booking website. It provides a structured summary for review, aids in prioritizing resolutions, and highlights quality gaps impacting user experience and core functionalities.

## **2. Bug Report Summary**

| **Bug ID** | **Module** | **Severity** | **Priority** | **Status** | **Assigned To** | **Description** | **Reported Date** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bug-001 | Home Page | Critical | High | Open | Dev Team | Homepage redirects to Login instead of Flight Search UI | 17-May-2025 | Needs urgent fix |
| Bug-002 | Flight Listing | Major | High | Open | Dev Team | No search/filter options on flight selection page | 17-May-2025 | UX improvement needed |
| Bug-003 | Booking Form | Critical | High | Open | Dev Team | No date input/calendar for booking | 17-May-2025 | Date validation needed |
| Bug-004 | UI Responsive | Major | Medium | Open | Frontend Team | Dropdown overlaps header on small screens | 17-May-2025 | CSS responsive fix required |
| Bug-005 | Booking Form | Major | High | Open | Dev Team | Booking proceeds without entering personal details | 17-May-2025 | Validation missing |
| Bug-006 | Email Notification | Major | Medium | Open | Backend Team | No confirmation email after booking | 17-May-2025 | Check email service config |
| Bug-007 | Homepage UI | Minor | Medium | Open | Frontend Team | Inconsistent font sizes on homepage | 17-May-2025 | UI standardization required |
| Bug-008 | Homepage UI | Minor | Low | Open | Frontend Team | Travel The World section layout misaligned | 17-May-2025 | Layout correction needed |
| Bug-009 | Branding | Major | Medium | Open | Frontend Team | BlazeDemo logo is missing | 17-May-2025 | Add logo to header |
| Bug-010 | Login | Major | Medium | Open | Dev Team | Invalid login details are accepted | 17-May-2025 | Security issue |
| Bug-011 | Login | Critical | High | Open | Dev Team | Valid login redirects to error page | 17-May-2025 | Debug login response |
| Bug-012 | Flight Search | Critical | High | Open | Dev Team | Cities don't change based on departure/destination | 17-May-2025 | Dynamic loading failure |
| Bug-013 | Booking | Major | High | Open | Dev Team | No option to cancel flight | 17-May-2025 | Add cancel feature |
| Bug-014 | Homepage UI | Major | Medium | Open | Frontend Team | Destination image overlaps text on some screens | 17-May-2025 | Responsive design fix |
| Bug-015 | Help / Tooltips | Major | Medium | Open | Frontend Team | No tooltips/help guidance for critical fields | 17-May-2025 | Add field hints or chatbot |
| Bug-016 | Login | Critical | High | Open | Dev Team | Logged in with random data without registration | 17-May-2025 | Fix auth validation |
| Bug-017 | Booking Form | Major | High | Open | Dev Team | Booking proceeds even with empty fields | 17-May-2025 | Add mandatory checks |
| Bug-018 | Dropdowns | Critical | High | Open | Frontend Team | Departure and destination cities are limited | 17-May-2025 | Expand dropdown data |
| Bug-019 | Session Management | Critical | High | Open | Dev Team | Session doesn’t expire after booking | 17-May-2025 | Add session timeout |
| Bug-020 | Booking | Major | High | Open | Dev Team | Multiple bookings with double click | 17-May-2025 | Disable repeat submission |
| Bug-021 | Accessibility | Major | Medium | Open | Frontend Team | No accessibility for screen readers or keyboard navigation | 17-May-2025 | Improve accessibility |
| Bug-022 | Navigation | Critical | High | Open | Dev Team | Browser back allows duplicate bookings | 17-May-2025 | Handle post-booking flows |

## **3. Bug Severity Classification**

* **Critical**: System crash or core functionality failure affecting business flow.
* **High**: Major functional issues with significant user impact.
* **Medium**: Usability or performance issues, doesn’t halt functionality.
* **Low**: Minor UI glitches or non-blocking design problems.

## **4. Defect Trend Analysis**

* **Total Bugs Identified**: 22
* **Critical**: 7
* **High**: 9
* **Medium**: 5
* **Low**: 1
* **Open**: 22
* **Fixed/In Progress**: 0

## **5. Root Cause Analysis (RCA)**

* **Authentication Flaws**: Multiple issues around login validation and access control.
* **UI/UX Gaps**: Poor responsiveness, layout overlap, missing guidance features.
* **Validation Issues**: Form fields allow blank submissions, no field verification.
* **Missing Functionalities**: Search filters, date selection, cancel options not implemented.
* **Session Management**: No session timeout or post-booking controls.

## **6. Recommendations**

* **Authentication Security**: Enforce strict login validations and session controls.
* **Frontend Revamp**: Align responsive UI, add tooltips/help, and improve accessibility.
* **Booking Validations**: Make all personal and flight detail fields mandatory.
* **Functional Enhancements**: Add missing filters, cancel booking, and calendar features.
* **Regression Testing**: Post-fix testing with automation and updated test cases.

## **7. Conclusion**

The BlazeDemo platform reveals critical flaws in core functionalities and user flow. Addressing these defects is essential to improve application stability and user trust. Active collaboration across frontend, backend, and QA teams is crucial for effective resolution and system enhancement.