**Bug Report**

**Project:- FlightSure QA Sprint (48 Hours)**

**Team Name:- The Debugging Knights**

**Approved By:- Pooja Yadav**

**Date:- 18 May 2025**

**Report Date:** 2025-05-18  
**Reported by:** Atul Pal  
**Application:** Hotel & Flight Booking Web App  
**Test Scope:** Booking flows, form validations, UI/UX, accessibility, authentication, and data integrity

**1. Summary**

* **Total Bugs Identified:** 15
* **Severity Distribution:**
  + Critical: 1
  + High: 9
  + Medium: 4
  + Low: 1

This report highlights critical issues that impact security, data integrity, user experience, and booking functionality. Immediate action is recommended, especially on critical and high severity bugs, to prevent revenue loss, poor user experience, and compliance risks.

**2. Critical Severity Bugs**

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| --- | --- | --- | --- |
| Bug ID | Description | Impact | Status / Notes |
| BUG\_013 | **Email field accepts invalid email formats (e.g., "sanjay.com") without validation**, allowing users to proceed with incorrect contact information. | Can cause failed communication, booking confirmation loss, and revenue leakage. | Blocker for communication workflows |

**3. High Severity Bugs**

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| --- | --- | --- | --- |
| Bug ID | Description | Impact | Status / Notes |
| BUG\_001 | Users can complete **hotel payments without logging in**, enabling unauthorized transactions. | Security breach, potential fraud risk. | Must require authentication before payment |
| BUG\_002 | "Confirm Booking" button is **disabled/not clickable**, blocking users from completing bookings. | Critical functional block leading to loss of business. | Prevents bookings entirely |
| BUG\_007 | Booking form accepts **blank fields or spaces** and proceeds to payment, causing invalid data submission. | Data integrity issues, poor user data quality. | Validation required on all inputs |
| BUG\_009 | First Name field accepts **special characters (@#$)**, causing malformed customer records. | Impacts database integrity and reporting. | Restrict input to alphabets only |
| BUG\_011 | Mobile Number field allows **alphabetical characters**, leading to invalid contact information. | Customer unreachable for communication. | Strict numeric validation needed |
| BUG\_012 | Mobile Number field accepts **too few digits** (e.g., 2 digits), making contact impossible. | Communication failure and incomplete profiles. | Enforce minimum length check |
| BUG\_014 | First & Last Name fields accept **numeric values**, corrupting traveller info. | Data corruption, affects CRM & reports. | Restrict to alphabets only |
| BUG\_015 | Traveller2 First & Last Name fields accept **special characters**, leading to data issues. | Data integrity risks for multi-traveller bookings. | Input validation needed |
| BUG\_003 | "Flights" tab **cannot be activated via Enter key**, blocking keyboard navigation and accessibility compliance. | Accessibility barrier, fails keyboard-only navigation. | Needs keyboard event handling |

**4. Medium Severity Bugs**

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| --- | --- | --- | --- |
| Bug ID | Description | Impact | Status / Notes |
| BUG\_005 | Clicking on the "Hotels" tab during page load is **ignored**, causing inconsistent UI behavior. | UI confusion, poor user experience. | Fix tab event handling during page load |
| BUG\_006 | Flight booking allows selecting **same city for departure and arrival**, which is illogical. | Logical inconsistency in booking flow. | Validation rule to prevent same city selection |
| BUG\_008 | Booking form does **not trim leading/trailing spaces** in name fields, causing database inconsistencies. | Data inconsistency, possible duplicate or invalid records. | Apply string trimming on input |
| BUG\_004 | "Flights" tab lacks **hover effect**, reducing UI feedback to users. | Minor UX degradation. | Add hover styling |

**5. Low Severity Bug**

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| --- | --- | --- | --- |
| Bug ID | Description | Impact | Status / Notes |
| BUG\_004 | Hover effects missing on key UI elements, reducing visual feedback. | Minor visual UX issue. | Cosmetic fix suggested |

**6. Repro Steps & Example**

**Example: BUG\_001 - Payment without Login**

1. Navigate to hotel booking page.
2. Fill booking details without logging in.
3. Proceed to payment page.
4. Complete payment successfully despite no authentication.

**Expected:** System should block payment unless user is logged in.

**Example: BUG\_013 - Invalid Email Acceptance**

1. Open traveller info form.
2. Enter "sanjay.com" or "user@domain" as email.
3. Submit form and proceed to next step without validation error.

**Expected:** Email format should be validated and block invalid emails.

**7. Recommendations & Next Steps**

* **Urgent fixes:**
  + Fix authentication enforcement before payment (BUG\_001).
  + Enable "Confirm Booking" button functionality (BUG\_002).
  + Implement strict input validations on email, phone, and name fields (BUG\_007, BUG\_009, BUG\_011, BUG\_012, BUG\_013, BUG\_014, BUG\_015).
  + Fix keyboard navigation accessibility (BUG\_003).
* **UI/UX Improvements:**
  + Add hover effects and UI feedback (BUG\_004).
  + Fix tab click behavior during page load (BUG\_005).
* **Data Integrity:**
  + Trim whitespace in input fields (BUG\_008).
  + Prevent illogical input like same city for departure and arrival (BUG\_006).

**s8. Attachments & Logs**

* Screenshots of broken email validation.
* Screen recording showing payment without login.
* Error logs capturing invalid data submissions.