

# Test Coverage Matrix - Restful Booker Platform

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## Test Strategy Summary









### What Was Tested

- **API Tests:** Booking room, contact messages, branding endpoint
- **UI Tests:** Admin login, booking workflows, contact forms
- **Focus:** Critical business functionality and admin login.

### What Was Skipped

- **Form Validation:** Edge cases, email/phone format validation (focused on positive scenarios)
- **Cross-Browser/Mobile:** Different browsers and devices
- **Advanced Admin Features:** Room CRUD, report and messages pages (Limited scope available)
- **Responsive Design:** different widths and heights, tablet, mobile (Limited scope available)

## API Test Coverage

Test Case	Automated	Status	Bug Found
Create Single Room Booking		Pass	
Create Double Room Booking		Pass	
Create Suite Room Booking		Pass	
Send Valid Contact Message		Pass	
Get Branding Information		Pass	
Invalid Room Booking		Not Automated	
Missing Required Fields		Not Automated	
Get All Rooms. Get All Messages		Not Automated	

## Web UI Test Coverage

Test Case	Automated	Status	Bug Found
Valid Admin Login	✓	Pass	
Invalid Admin Login	✓	Pass	
Navigate to each section in navbar	✓	Pass	
Navigate to Amenities/	✓	Fail	Nothing happens in this navigation
Single Room Booking Flow	✓	Pass	This test is flaky since there is no room availability validation
Double Room Booking Flow	✓	Pass	This test is flaky since there is no room availability validation
Suite Room Booking Flow	✓	Pass	This test is flaky since there is no room availability validation
Valid Contact Form Submission	✓	Pass	
View Messages in Admin Panel	✓	Pass	
Form Field Validation	✗	Not Automated	
Messages Management(admin portal)			
Room Management CRUD(admin portal)	✗	Not Automated	
Responsive Design	✗	Not Automated	