# Test cases

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| Project Name: | Hotel Management System | Test Designed by: | Sojitra Bhakti |
| Module Name: | **Room Booking** | **Test Designed date:** | 22-08-2024 |
| Release Version: | **1.0** | **Test Executed by:** | **Sojitra Bhakti** |
|  |  | **Test Execution date:** | 22-08-2024 |

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| Pre-condition: The customer’s profile should be pre-registered in the system | | | | |
| Test Case ID | **Test Title** | **Test Type** | **Description** | **Test Case ID** |
| TC\_001 | Verify successful booking of an available room | Functional | Ensure that a room can be successfully booked if it is available for the selected dates. | TC\_001 |
| TC\_002 | Verify booking rejection for an already booked room | Functional | Ensure that the system rejects the booking if the room is already booked for the selected dates. | TC\_002 |
| TC\_003 | Verify booking for multiple rooms simultaneously | Functional | Ensure that multiple rooms can be booked in a single transaction. | TC\_003 |
| TC\_004 | Verify booking cancellation before check-in date | Functional | Ensure that the user can cancel their room booking before the check-in date. | TC\_004 |

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| **Test Case Title** | Verify successful booking of an available room |
| **Test Type** | Functional |
| **Test Priority** | High |
| **Pre-condition** | The customer’s profile should be pre-registered in the system |

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| **Test Step** | **Test Case Description** | **Expected Result** | **Actual Result** | **Status** | **Comment** | **Data** | **BUG ID** |
| 1 | Access hotel management system URL | The site launched properly | Site launched successfully | Pass |  | URL : https://  hotelmanagement.com |  |
| 2 | Log in with valid credentials (Username: testuser, Password: Test@123) | User should be logged in and redirected to the dashboard | User successfully logged in and navigated to the dashboard | Pass | Ensure valid credentials are used | Username: testuser, Password: Test@123 |  |
| 3 | Navigate to the "Room Booking" section | Room Booking section should load and display available rooms | Room Booking section loaded successfully, and rooms are displayed | pass | Verify the section loading time |  |  |
| 4 | Select an available room (Room No: 101) | The selected room should be highlighted and booking details form displayed | Room selected and booking form displayed | Pass |  | Room No: 101 |  |
| 5 | Enter booking details (Guest Name: John Doe, Check-in Date: 2024-08-27, Check-out Date: 2024-08-29) | The form should accept the details | Booking details accepted | Pass |  | Guest Name: John Doe, Check-in Date: 2024-08-27, Check-out Date: 2024-08-29 |  |
| 6 | Click on the "Confirm Booking" button | Booking should be processed and a confirmation message displayed | Booking confirmed, and confirmation message displayed | Pass |  |  |  |
| 7 | Verify room status is updated to "Booked" | The room status should change to "Booked" | Room status updated to "Booked" | Pass | Refresh the page to verify status change |  |  |
| 8 | Log out of the system | User should be logged out and redirected to the login page | User successfully logged out and redirected to the login page | Pass |  |  |  |

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| **Test Case Title** | Verify booking rejection for an already booked room |
| **Test Type** | Functional |
| **Test Priority** | High |
| **Pre-condition** | The customer’s profile should be pre-registered in the system |

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| **Test Step** | **Test Case Description** | **Expected Result** | **Actual Result** | **Status** | **Comment** | **Data** | **Bug ID** |
| 1 | |  | | --- | | Select an already booked room |  |  | | --- | |  | | System should show the room's booking status as 'Booked' | Room status displayed as 'Booked' | Pass |  | Room ID: 101, Date: 01/09/2024 to 03/09/2024 |  |
| 2 | Attempt to book the already booked room for the same date range | System should reject the booking and display an error message: "Room is already booked for selected dates" | Booking rejected, error message displayed | Pass |  | Start Date: 01/09/2024, End Date: 03/09/2024 |  |
| 3 | Verify no duplicate booking is created | No duplicate booking should be created in the system database | No duplicate booking found | Pass |  | Room Booking Record |  |

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| **Test Case Title** | Verify booking for multiple rooms simultaneously |
| **Test Type** | Functional |
| **Test Priority** | High |
| **Pre-condition** | The customer’s profile should be pre-registered in the system |

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| **Test Step** | **Test Case Description** | **Expected Result** | **Actual Result** | **Status** | **Comment** | **Data** | **Bug ID** |
| 1 | Select multiple available rooms | System should allow the selection of multiple rooms at once | Multiple rooms selected | Pass |  | Room IDs: 101, 102, 103 |  |
| 2 | Enter booking details (e.g., date range, number of guests) for the selected rooms | System should accept the booking details for all selected rooms simultaneously | Booking details accepted | Pass |  | Start Date: 05/09/2024, End Date: 07/09/2024, Guests: 2 per room |  |
| 3 | Confirm the booking for all selected rooms | System should confirm the booking and generate confirmation numbers for all selected rooms simultaneously | Booking confirmed, confirmation numbers generated | Pass |  | Booking Confirmation Numbers: 1001, 1002, 1003 |  |
| 4 | Verify the booking details for all rooms in the database | All selected rooms should have their booking details correctly stored in the system database | Booking details stored correctly | Pass |  | Room IDs: 101, 102, 103 |  |

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| **Test Case Title** | Verify booking cancellation before check-in date |
| **Test Type** | Functional |
| **Test Priority** | High |
| **Pre-condition** | The customer’s profile should be pre-registered in the system |

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| **Test Step** | **Test Case Description** | | **Expected Result** | **Actual Result** | | **Status** | **Comment** | | **Data** | | **Bug ID** |
| 1 | Navigate to the 'Booking History' or 'My Bookings' section | | The 'Booking History' section should be accessible and display the user's bookings | 'Booking History' section loaded successfully | | pass |  | |  | |  |
| 2 | |  | | --- | | Select a confirmed booking with a check-in date in the future |  |  | | --- | |  | | System should display the booking details, including the check-in date | | | Booking details displayed | Pass | |  | | Booking ID: 1001, Check-in Date: 05/09/2024 |  |
| 3 | Click on the 'Cancel Booking' button | System should prompt the user for cancellation confirmation | | | Cancellation confirmation prompt displayed | Pass | |  | |  |  |
| 4 | |  | | --- | |  |  |  | | --- | | Confirm the booking cancellation | | System should cancel the booking, update the booking status to 'Cancelled,' and notify the user accordingly | | | Booking cancelled, status updated to 'Cancelled' | Pass | |  | | |  | | --- | |  |  |  | | --- | | Booking ID: 1001 | |  |
| 5 | Verify the cancellation in the database | The booking status should be updated to 'Cancelled' in the system database | | | Booking status updated correctly | Pass | |  | | Booking ID: 1001 |  |