

Test Cases Overview for [Booking.com](https://www.booking.com)

1. Search Section

- Verify the search button initiates a search with selected criteria
- Verify the location field trims leading/trailing spaces and is case-insensitive.
- Verify the location field rejects empty input and input exceeding character limits.
- Verify users can select check-in and check-out dates using the calendar widget.
- Verify the system prevents selection of past dates or invalid date ranges (e.g., check-out before check-in).
- Verify the guest count selector (adults, children, rooms) updates correctly and enforces allowed limits.
- Verify the location field accepts valid city/hotel names (alphanumeric, special, and international characters).
- Verify error messages display for invalid or incomplete search criteria

2. Search Results Section

- Verify hotels matching the search criteria are displayed, including hotel name, location, price, and rating.
- Verify filters (price range, star rating, facilities, etc.) correctly refine the results.
- Verify sorting options (price, rating, distance) work as expected.
- Verify pagination or infinite scroll loads additional results.
- Verify clicking a hotel name or "See Availability" navigates to the hotel details page

3. Hotel Details Section

- Verify hotel details (photos, description, amenities, policies, reviews) are displayed accurately.
- Verify room types, prices, and availability are shown for the selected dates.
- Verify users can select room options (bed type, number of rooms, special requests).
- Verify the "Reserve" or "Book Now" button is enabled only when valid room options are selected.
- Verify cancellation policies and payment terms are clearly presented before booking

4. Booking/Reservation Section

- Verify user login/registration is required before completing a booking.
- Verify guest details form accepts valid input and enforces required fields.
- Verify payment options (credit card, PayPal, etc.) are displayed and process payments securely.
- Verify price breakdown (room price, taxes, fees) is accurate and updates with changes.
- Verify users receive a booking confirmation page after successful payment.
- Verify confirmation email is sent with all booking details

5. Post-Booking Section

- Verify users can view, modify, or cancel their reservations from their account.
- Verify refund/cancellation policies are enforced as per hotel terms.
- Verify reservation history displays all past and upcoming bookings

6. Group Booking Section

- Verify system handles group bookings within minimum and maximum guest limits.
- Verify group booking discounts or special rates are applied if applicable.
- Verify special requests (adjacent rooms, amenities) are captured and displayed correctly.
- Verify group booking payments and communications (emails, updates) are handled accurately

7. Non-Functional Test Cases

- Verify system performance under high load (multiple simultaneous searches/bookings).
- Verify compatibility across browsers (Chrome, Firefox, Safari, Edge) and devices (desktop, mobile).
- Verify accessibility for users with disabilities (screen reader support, keyboard navigation).
- Verify security of user data and payment information (encryption, secure authentication).

- Verify data integrity—no loss or corruption during booking, modification, or cancellation

Sample End-to-End Test Scenario

- Open [Booking.com](https://www.booking.com).
- Enter location "Alexandria," select check-in and check-out dates, and search.
- From results, select "Tolip Hotel Alexandria."
- View hotel details and select a room.
- Proceed to booking, fill guest details, and complete payment.
- Verify booking confirmation page and email