**Product Name:** Booking.com

**Smoke Testing:**

**Test Procedure:**

1. Open the Booking.com website.
2. Search for a hotel in a specific location and for specific dates.
3. Select one of the search results to view the hotel details.
4. Check the availability of room types and prices.
5. Attempt to make a booking with valid information.
6. Verify if the booking confirmation page appears.

Possible Defect:

During the smoke test, a possible defect could be that the search results do not display any available hotels, even when there are hotels in the specified location and dates.

**Functional Testing:**

**Test Procedure:**

1. Open the Booking.com website.
2. Perform a hotel search for a specific location and dates.
3. Filter the results by various criteria, such as price range, star rating, and guest rating.
4. Click on a hotel to view its details.
5. Attempt to book a room with different payment options (credit card, PayPal, etc.).
6. Cancel a booking.
7. Modify an existing booking.
8. Verify the cancellation and modification processes work as expected.

Possible Defect:

In functional testing, a possible defect could be that the cancellation process does not refund the booking amount correctly or that modifications to bookings are not saved properly.

**UI Testing:**

**Test Procedure:**

1. Open the Booking.com website.
2. Check the home page for the correct layout and design and make sure it matches the layout.
3. Verify that all text elements, including headings and descriptions, are spelled correctly.
4. Check the alignment of elements like buttons, text boxes, and images.
5. Verify that tabulation (keyboard navigation) works correctly.
6. Test the responsiveness of the website by resizing the browser window.
7. Verify that images and icons load properly.

Possible Defect:

During UI testing, a possible defect could be that some images or icons do not load correctly, resulting in broken images on the website. Additionally, if the website's layout is not responsive, it may not display properly on smaller screens or mobile devices.