

Software Test Report (STR)

Project: Amazon Website

Course: QA

Test Date: [Insert Date]

Tester Name: [Insert Name]

1. Test Summary**

This document details the tests performed on the Amazon website, including test results, descriptions of bugs found, and recommendations for fixing them. The tests performed include functional testing, performance testing, boundary testing, and usability testing.

2. Test Cases (TC)

1. **Functional Testing: User Account Page: Wish List**

- **Description:** Tested the ability to add items to the user's wish list.
- **Result:** [Pass/Fail]
- **Comments:**
- **Bug:** Inability to add a new product to the wish list.

2. **Performance Testing: Coupons and Discounts**

- **Description:** Tested the performance of the coupon and discount system.
- **Result:** [Pass/Fail]
- **Comments:**
- **Bug:** Cannot redeem valid coupons on Amazon.

3. **Boundary Test: Maximum Number of Items in Shopping Cart**

- **Description:** Tested the ability to add up to 500 items to the shopping cart.
- **Result:** [Pass/Fail]
- **Comments:**
- **Bug:** No error message after adding item beyond 500 item limit.

4. **Functional Testing: Change Password**

- **Description:** Tested the ability to change the user's password.
- **Result:** [Pass/Fail]
- **Comments:**

5. **Search Results: Display of Products Based on Query**

- **Description:** Tested the display of search results based on queries.
- **Result:** [Pass/Fail]
- **Comments:**
- **Bug:** Failure to display products after search.
- **Bug:** Search results take too long to load.

6. **Usability Testing: Search Result Interface**

- **Description:** Tested the search result interface.
- **Result:** [Pass/Fail]
- **Comments:**

7. **User Account Page: Account Details**

- **Description:** Tested the user account details page.
- **Result:** [Pass/Fail]
- **Comments:**

8. **Shopping Cart: Proceed to Checkout**

- **Description:** Tested the ability to proceed to checkout from the shopping cart.
- **Result:** [Pass/Fail]
- **Comments:**
- **Bug:** Cart does not display all items after reaching limit.

9. **Functional Testing: Validation of Mandatory Fields (Signup Page)**

- **Description:** Tested the validation of mandatory fields on the signup page.
- **Result:** [Pass/Fail]
- **Comments:**

10. **Usability Testing: Ease of Entering and Editing Data in Fields on Signup Page**

- **Description:** Tested the ease of entering and editing data in the fields on the signup page.
- **Result:** [Pass/Fail]
- **Comments:**

11. **

3. Bugs Found

- **Bug 1:** Inability to add a new product to the wish list on Amazon.
- **Bug 2:** Cannot redeem valid coupons on Amazon.
- **Bug 3:** Cannot delete the wish list on Amazon.
- **Bug 4:** Failure to display products after search.
- **Bug 5:** Search results take too long to load.
- **Bug 6:** Images misplaced on product listing page.
- **Bug 7:** Performance degradation after adding 400 items to the shopping cart.
- **Bug 8:** No error message after adding item beyond the 500-item limit in the shopping cart.
- **Bug 9:** Cart does not display all items after reaching the limit.
- **Bug 10:** System freezes when trying to update item quantity after reaching the limit in the shopping cart.

4. Severity and Priority of Bugs

Bug Number	Description	Severity	Priority
1	Inability to add a new product to the wish list	High	High
2	Cannot redeem valid coupons	High	Medium
3	Cannot delete the wish list	Medium	High
4	Failure to display products after search	High	High
5	Search results take too long to load	High	Medium
6	Images misplaced on product listing page	Medium	Low
7	Performance degradation after adding 400 items	High	High
8	No error message after adding item beyond limit	High	High
9	Cart does not display all items after reaching limit	High	High
10	System freezes when trying to update quantity	Critical	High

5. Test Environment

- **Operating System:** Windows 10
- **Browser(s):** Google Chrome, Mozilla Firefox, Safari
- **Version(s):** [Insert Version]
- **Network:** Wi-Fi, 50 Mbps

6. Conclusion

The tests performed on the Amazon website identified several critical issues and features that need improvement. The main bugs include issues with the wish list functionality, search operations, and handling of large quantities of products in the shopping cart. The development team is required to address these bugs promptly to improve the user experience and prevent issues during use.

7. Recommendations

1. Fix the issue preventing the addition of items to the wish list and allow the deletion of the list.
2. Resolve the coupon redemption issue so users can redeem valid coupons properly.
3. Improve search performance and reduce load times.
4. Manage the ability to add up to 500 items to the shopping cart and provide appropriate error messages.
5. Fix the image misplacement issue on product pages.
