**User Acceptance Testing (UAT) Template**

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| --- | --- |
| Date | 12-07-24 |
| Team ID | SWTID1719938063 |
| Project Name | ShopEZ: E-Commerce Application |
| Maximum Marks |  |

**Project Overview:**

Project Name: ShopEZ: E-Commerce Application

Project Description: ShopEZ is an e-commerce website, designed to allow users to register, browse products, and make online purchases.

Project Version: 1.2

Testing Period: 10-07-24 to 12-07-24

**Testing Scope:**

 ProductManagement**:**

* Ability to view detailed product information (descriptions, images, prices).
* Search and filter functionalities for products

 ShoppingCart**:**

* Adding and removing products from the cart.
* Updating product quantities within the cart.
* Viewing and managing cart contents.

 USN**-1:** As a user, I should be able to search for products by name or category and filter them based on specific criteria (e.g., price range). (Test product search and filter functionalities)

 USN**-2:** As a user, I should be able to add and remove products from my shopping cart, and update their quantities. (Test shopping cart functionalities)

**Testing Environment:**

URL/Location: **http://172.18.168.104:3000 or http://localhost:3000**

**Test Cases:**

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | Search for Products by Name (Valid) | 1. Access the product search bar.  2. Enter a valid product name. | Search results are displayed, including the searched-for product. | Search results are displayed, including the searched-for product. | Pass |
| TC-002 | Search for Products by Name (Invalid) | 1. Access the product search bar.  2. Enter a name that does not match any products. | A message is displayed indicating "No results found" or similar. | No message is displayed regarding no results & an irrelevant product list is shown. | Fail |
| TC-003 | View Shopping Cart Contents | Access the shopping cart page. | Shopping cart interface is displayed. | Shopping cart interface is displayed, with options to view or manage cart items | Pass |
| TC-004 | Add Product to Shopping Cart | 1. Access the product detail page for a desired item.  2. Click the "Add to Cart" button. | The product is added to the shopping cart, and a confirmation message is displayed. | The product is not added to the cart, & No confirmation message is displayed | Fail |

**Bug Tracking:**

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| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | Search functionality does not display "No results found" message for invalid product names. | 1. Access the product search bar.  2. Enter a name that does not match any products.  3. Submit the search. | Low | Closed | The search functionality should gracefully handle situations where no products match the entered name. It's recommended to display a clear message indicating "No results found" or similar to inform the user. |
| BG-002 | "Add to Cart" functionality does not work as expected. | 1. Access the product detail page for a desired item.  2. Click the "Add to Cart" button. | Medium | Closed | Investigate the reason behind the product not being added to the cart. The functionality should successfully add the chosen product and provide appropriate feedback to the user (e.g., confirmation message). |

**Sign-off:**

Tester Name: Sriram Chowdary

Date: 12-07-24

Signature: A. Sriram