**User Acceptance Testing (UAT) Template**

|  |  |
| --- | --- |
| Date | 12-07-24 |
| Team ID | SWTID1719938064 |
| 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:**

 User registration process (valid and invalid email formats, password complexity requirements)

 User login functionality (valid and invalid credentials)

 Secure password storage (hashed passwords)

 USN**-1:** As a user, I should be able to register for the application by entering a valid email address, a password that meets complexity requirements, and confirming my password.

 USN**-2:** As a user, I should be able to log in to the application using my registered email address and password

**Testing Environment:**

URL/Location: http://172.18.168.104:3000

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration with Valid Email & Strong Password | 1.Access the registration page.  2. Enter a valid email address.  3. Enter a password that meets complexity requirements.  4. Confirm the password correctly.  5. Submit the registration form. | Successful registration message is displayed. | Successful registration message is displayed | Pass |
| TC-002 | User Registration with Invalid Email Format | Similar structure, test steps with invalid email formats like missing "@" symbol, invalid domain name, etc. | Error message indicating invalid email format is displayed. | Bug encountered: Registration proceeds despite invalid email. | Fail |
| TC-003 | User Login with Valid Credentials | Similar structure, test steps with valid registered email and password. | Successful login message is displayed, and user is directed to the appropriate landing page. | Successful login message is displayed, and user is directed to the appropriate landing page. | Pass |
| TC-004 | User Login with Invalid Credentials | Similar structure, test steps with invalid email or password combinations. | Error message indicating invalid login credentials is displayed. | Bug encountered: Login proceeds despite invalid credentials. | Fail |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | User registration does not display error message for invalid email format. | 1. Access the registration page.  2. Enter an email address with an invalid format (e.g., missing "@" symbol, invalid domain name).  3. Enter a valid password and confirm it correctly.  4. Submit the registration form. | Medium | Closed | It's recommended to implement clear and informative error messages for various invalid email formats (e.g., "Missing '@ symbol," "Invalid domain name").  This improves user experience by guiding users towards entering a valid email address. |
| BG-002 | Login functionality does not handle incorrect password attempts appropriately. | 1. Access the login page.  2. Enter a valid registered email address.  3. Enter an incorrect password.  4. Submit the login form. | Low | Closed | It's recommended to: Display a clear error message indicating an incorrect password has been entered. The message should not reveal the specific details of the incorrect password (e.g., "Invalid login credentials"). |

**Sign-off:**

Tester Name: Mokshagna Vuppala

Date: 12-07-24

Signature: V. Mokshagna