**User Acceptance Testing (UAT) Template**

|  |  |
| --- | --- |
| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID59438 |
| Project Name | ShopSmart: Your Digital Grocery Store Experience |
| Maximum Marks | 10 Marks |

**Project Overview:**

Project Name: ShopSmart: Your Digital Grocery Store Experience

Project Description: Shopsmart is a full-stack e-commerce application allowing users to browse, view, and manage products with cart integration.

Project Version: v 1.0

Testing Period: 18-06-2025 to 27-06-2025

**Testing Scope:**

**Features and Functionalities to be Tested:**

* Product listing on homepage
* Product detail view
* Add to cart functionality
* Cart item count update and persistence
* Backend API connectivity and response handling
* Responsive layout across devices (desktop, tablet, mobile)
* Error handling for broken routes and missing data
* Stock availability management

**User Stories / Requirements to be Tested:**

* As a user, I should be able to view a list of all available products.
* As a user, I should be able to view details of any product by clicking on it.
* As a user, I should be able to add products to my shopping cart.
* As a user, I should see accurate cart item count updated in real-time.
* As a user, I should not be able to add out-of-stock items to the cart.
* As a user, I should experience smooth and responsive design across devices.
* As a user, I should be shown an appropriate message if I access a non-existent page.

**Testing Environment:**

URL/Location: http://localhost:3000

Credentials (if required):

**Admin login :** Email- [postman.admin@example.com](mailto:postman.admin@example.com) Password- [adminpass]

**User login:** Email- [postman.user@example.com](mailto:postman.user@example.com) Password- [postmanpass]

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | View all products | 1. Navigate to homepage 2. Observe the product listing | List of all products is displayed | As expected | Pass |
| TC-002 | View product details | 1. Click on a product from the list | Product details page opens with correct info | As expected | Pass |
| TC-003 | Add product to cart | 1. Click 'Add to Cart' on a product | Product added to cart successfully | As expected | Pass |
| TC-004 | Access API from frontend | 1. Load frontend 2. Monitor network requests to backend | All API requests return valid responses | As expected | Pass |
| TC-005 | Handle out-of-stock product | 1. Try adding an out-of-stock product to cart | App prevents the action with an appropriate message | As expected | Pass |
| TC-006 | Responsive design test | 1. Open app on mobile, tablet, desktop screens | Layout adjusts correctly on all devices | As expected | Pass |
| TC-007 | Invalid route error handling | 1. Navigate to `/invalidroute` | App shows 404 page or redirection | As expected | Pass |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | Add to Cart doesn't update UI | 1. Go to product page 2. Click 'Add to Cart' 3. Check header | Medium | Open | Sometimes the cart icon count lags |
| BG-002 | Product image not loading | 1. Navigate to a specific product | Low | In Progress | Broken image link in dev environment |
| BG-003 | Layout breaks on iPhone SE | 1. Open on iPhone SE simulator | High | Open | Cards overflow screen width |

**Sign-off:**

Tester Name: Gayathri Vullamgunta

Date: 27-06-2025

Signature: Gayathri

**Notes:**

* Ensure that all test cases cover both positive and negative scenarios.
* Encourage testers to provide detailed feedback, including any suggestions for improvement.
* Bug tracking should include details such as severity, status, and steps to reproduce.
* Obtain sign-off from both the project manager and product owner before proceeding with deployment.