**User Acceptance Testing (UAT) Template**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID58401 |
| Project Name | ShopSmart - eCommerce Grocery Web app |
| Maximum Marks |  |

## Project Overview

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| --- | --- |
| **Item** | **Details** |
| Project Name | ShopSmart |
| Project Description | MERN stack e-commerce web app offering role-based access, product management, cart & wishlist features, secure checkout, and responsive design |
| Project Version | v1.0 |

## Testing Scope

* User registration (email, Gmail, Facebook)
* User login and authentication
* Product browsing and search
* Cart & wishlist functionality
* Checkout and order placement
* Admin dashboard management
* Order history & tracking
* Responsive design on desktop and mobile

**User Stories/Requirements to be tested:** USN-1 to USN-13 (registration, login, browse, cart, wishlist, checkout, admin panel, etc.)

## ✅ Test Cases

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Pass/Fail |
| TC-001 | User registration with email | Navigate to register → Fill details → Submit | Account created & confirmation email sent | Account created & email received | Pass |
| TC-002 | User registration with Gmail | Click "Sign up with Google" → Select account | Account created & redirected to dashboard | Account created & dashboard loaded | Pass |
| TC-003 | Login with valid credentials | Go to login → Enter email & password → Submit | Dashboard displayed | Dashboard displayed | Pass |
| TC-004 | Browse products | Navigate to homepage → Scroll & click categories | Product listings load correctly | Products displayed as expected | Pass |
| TC-005 | Add product to cart | View product → Click "Add to cart" | Product appears in cart | Product added to cart | Pass |
| TC-006 | Add product to wishlist | View product → Click "Add to wishlist" | Product saved in wishlist | Product saved in wishlist | Pass |
| TC-007 | Checkout process | Go to cart → Checkout → Confirm payment | Order confirmation displayed | Payment failed due to gateway error | Fail |
| TC-008 | View order history | Go to profile → View orders | Past orders listed | Orders displayed correctly | Pass |
| TC-009 | Admin adds a product | Login as admin → Add product form → Submit | Product visible on site | Product visible on site | Pass |
| TC-010 | Admin deletes a product | Login as admin → Delete product | Product removed from site | Product removed | Pass |
| TC-011 | Search products | Enter keyword in search bar → Submit | Relevant products shown | Correct products displayed | Pass |
| TC-012 | Invalid login attempt | Enter wrong password → Submit | Error message shown | Error displayed correctly | Pass |
| TC-013 | Responsiveness test | Resize browser / test on mobile | Layout adapts properly | Header breaks on small screens | Fail |

## Bug Tracking

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bug ID | Bug Description | Steps to reproduce | Severity | Status | Additional feedback |
| BG-001 | Payment fails at checkout | Go to cart → Checkout → Confirm | High | Completed | Possibly payment gateway config issue |
| BG-002 | Header layout breaks on small screens | Resize browser to mobile width | Medium | In Progress | Needs CSS fix for header responsiveness |

**Notes:**

Most test cases passed, validating major flows.

Key issues noted: payment gateway failure and minor responsive layout issue.

Feedback: improve mobile UI and verify payment gateway configuration.

Ready for deployment after fixes and final sign-off.