User Acceptance Testing (UAT) Template

Date	
Team ID	LTVIP2026TMIDS79179
Project Name	ShopSmart – A Full-Stack Digital Grocery Store Web Application
Maximum Marks	

Project Name: ShopSmart – Digital Grocery Store Web Application

Project Description:
ShopSmart is a full-stack e-commerce web application developed using Angular, Node.js, Express, and MongoDB Atlas. The system allows customers to browse grocery products, add items to cart, place orders, track order status, and provide feedback. It also provides an admin dashboard for managing products, categories, and orders.

Project Version: Version 1.0

Testing Period: 20 February 2025 – 25 February 2025

◆ Testing Scope

Features to be Tested:

- User Registration
- User Login
- JWT Authentication
- Product Listing
- Category Filtering
- Search Functionality
- Add to Cart
- Update/Remove Cart Items
- Checkout & Order Placement
- Order History
- Feedback Submission
- Admin Login
- Product CRUD Operations
- Order Status Update

User Stories Tested:

USN-1 to USN-16 (Customer & Admin Modules)

◆ Testing Environment

URL/Location: http://localhost:4200 (Development Environment)

Backend API: http://localhost:5000

Database: MongoDB Atlas (Cloud Database)

Credentials:

Customer Login:
Email: customer@test.com
Password: Test@123

Admin Login:
Email: admin@test.com
Password: Admin@123

◆ Test Cases

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	User Registration	Enter valid details → Click Register	Account created successfully	Account created	Pass
TC-002	User Login (Valid)	Enter correct email & password	JWT token generated & login success	Login successful	Pass
TC-003	User Login (Invalid)	Enter wrong password	Error message displayed	Error shown	Pass
TC-004	Product Listing	Open home page	Products displayed correctly	Products displayed	Pass
TC-005	Search Product	Enter product name in search bar	Relevant results shown	Results displayed	Pass
TC-006	Add to Cart	Click "Add to Cart"	Item added to cart	Item added	Pass
TC-007	Update Cart	Increase quantity	Total price recalculated	Updated correctly	Pass
TC-008	Checkout	Enter address & place order	Order created & stock reduced	Order placed	Pass
TC-009	Order History	Click "My Orders"	Display past orders	Orders displayed	Pass
TC-010	Admin Add Product	Admin adds new product	Product stored in DB	Product added	Pass

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-011	Admin Update Order Status	Change status to Delivered	Status updated	Status updated	Pass

◆ Bug Tracking

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
BG-001	Cart total not updating initially	Add product → Refresh page	Medium	Closed	Fixed with state update logic
BG-002	Image upload validation missing	Upload unsupported file type	Low	Closed	Added file type validation
BG-003	Login error message unclear	Enter invalid credentials	Low	Closed	Improved error message clarity

◆ Testing Summary

- Total Test Cases Executed: 11
- Passed: 11
- Failed: 0
- Total Bugs Found: 3
- All bugs resolved before deployment
- UAT Status: ✓ Approved

◆ Sign-off

Tester Name: (Enter Tester Name)
Date: 25 February 2025
Signature: _____

Project Manager Approval: _____
Product Owner Approval: _____