

Field	Details
Project Name	ShopPy E-commerce Application
Priority	High
Description	Comprehensive manual testing suite for the ShopPy web application, covering user auth, product management, and shopping workflows.
Test Objective	Ensure the stability, usability, and correctness of core e-commerce features and role-based access control.
Test Case Author	Bui Dinh Bao
Test Case Reviewer	
Test Case Version	1.0
Test Execution Date	2026-02-07

Test Case ID	Test Steps	Input Data	Expected Results	Actual Results	Test Environment	Execution Status	Bug Severity	Bug Priority	Notes
TC-001	1. Navigate to /signup 2. Fill in Name, Email, Password 3. Select "Buyer" role 4. Click "Sign Up"	Name: "John Doe" Email: "john@example.com" Password: "Password123!"	User is redirected to / and is logged in as "John Doe".	User successfully redirected to /.	Localhost:3000	Pass			Verified via playwright auth.spec.ts.
TC-002	1. Navigate to /login 2. Enter valid credentials 3. Click "Sign In"	Email: "john@example.com" Password: "Password123!"	User is redirected to Home. Header shows "John Doe".	Session persists and name is shown in Header.	Localhost:3000	Pass			Verified via playwright auth.spec.ts.
TC-003	1. On Home page, verify product cards are displayed	N/A	Multiple product cards showing image, name, price, and "Add to Cart" button.	Home page displays a grid of product cards.	Localhost:3000	Pass			
TC-004	1. Click "Add to Cart" on a product card	Product: "Modern Watch"	Cart badge count increases by 1. Success notification shown.	Fail: "Add to Cart" button is hidden if user is not logged in.	Localhost:3000	Fail	Medium	High	Functional but hidden for guests. No CTA for guests.
TC-005	1. Click Cart icon 2. Change quantity of an item 3. Click "Remove"	Quantity: 2	Total price updates correctly. Item is removed when clicking "Remove".		Localhost:3000	Pending			
TC-006	1. Click Cart icon 2. Click "Checkout" 3. Complete checkout flow	Mock Delivery Info	Redirected to order confirmation. Stock for item decreases.		Localhost:3000	Pending			
TC-007	1. Log in as Seller 2. Click "My Shop" 3. Click "Add Product" 4. Fill details and save	Name: "Nikon Camera" Price: 1200 Stock: 5	New product appears in the seller dashboard and on the Home page		Localhost:3000	Pending			
TC-008	1. Log in as Buyer 2. Try to manually navigate to /seller	N/A	User is redirected to Home or shown "Access Denied" message.		Localhost:3000	Pending			
TC-009	1. Log in as User A 2. Click "Add Another Account" 3. Log in as User B 4. Switch between accounts in Header	User A, User B credentials	Active user updates instantly in Header and App State.		Localhost:3000	Pending			
TC-010	1. Navigate to Home page 2. Refresh page multiple times 3. Verify load time	N/A	Page loads in under 2 seconds. Images are optimized.		Localhost:3000	Pending			Performance Test
TC-011	1. Attempt SQL Injection in Login Email field	Email: ' OR 1=1 --	Login fails. No database error leaked.		Localhost:3000	Pending			Security Test
TC-012	1. Open mobile view (Responsive) 2. Verify Navbar collapsing	Mobile (375x812)	Navbar collapses into a hamburger menu or responsive layout.		Localhost:3000	Pending			UI/UX Test