**Test plan on Cart module**

**Test plan identifier**: tp\_cart\_2025\_v1

**Introduction**: Ensure that the Cart (Shopping Cart) functionality on the nopCommerce site works correctly: users (guests and logged-in) should be able to add, update, and remove products from the cart, apply discounts, estimate shipping, and proceed to checkout. The cart must handle stock status, quantity changes, and error messages correctly.

**Test items**:

* “Add to cart” button (from product listing & details page)
* Cart page (product list, price, stock, quantity, subtotal, total)
* Remove product functionality
* Update quantity functionality
* Apply discount code field
* Estimate shipping option
* Checkout button
* Error messages (e.g., cart empty, invalid coupon)
* UI elements

**Features to be tested:**

* Adding single/multiple products to cart
* Updating product quantities in cart
* Removing products from cart
* Adding out-of-stock products to cart (behaviour check)
* Applying valid/invalid discount codes
* Estimating shipping costs
* Checkout redirection
* Error messaging when cart is empty
* UI correctness and accessibility

**Features not to be tested**:

* Backend stock management logic
* Payment gateway

**Approach**:

* manual testing (black box testing (Functional testing))
* Automation using Selenium + TestNG

**Item pass/fail criteria:**

* Pass: Products added, updated, and removed correctly; discount/shipping works; cart total matches expected; checkout redirection works; error messages and UI behave correctly.
* Fail: Incorrect totals, missing products, broken buttons, wrong redirects, or misaligned UI.

**Suspension criteria and resumption requirements:** NA

**Test deliverables:**

* Test cases Documents
* Test reports
* Test Plan
* Test Summary Report
* Test Bug Report
* Test Analysis Report
* Bug Analysis report

**Environmental needs:** windows 10/11pc, testlink, excel, browser chrome and firefox browser, stable network

**Responsibilities:** Vishal (prepare test cases and test analysis reports)

**Staffing and training needs:** Selenium WebDriver (testers names)

**Schedule:**1/9/2025

**Risks and contingencies:** no risk

**Approvals:** Vaishali sonanis