**Test plan on Shop by Category module**

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

**Introduction**: Ensure that the Shop by Category functionality on the nopCommerce site works correctly: users should be able to browse products through main categories and subcategories, filter them, and navigate correctly. The goal is to validate usability, navigation, and data accuracy across categories

**Test items**:

* Category menu on homepage
* Sub-category navigation
* Product listing by category
* Filters (price, manufacturer, specifications, etc.)
* Sorting options (position, name, price, rating, etc.)
* Paging of category results
* UI elements

**Features to be tested:**

* Navigation to categories and subcategories
* Correct display of products under selected category
* Category-based filtering
* Sorting within categories
* Paging for large product lists
* Empty category behaviour (no products found)
* UI correctness

**Features not to be tested**:

* Backend product categorization rules

**Approach**:

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

**Item pass/fail criteria:**

* Pass: Categories and subcategories display correct products, filters and sorting work as expected, paging functions properly, and UI is aligned.
* Fail: Incorrect products displayed, filters/sorting broken, paging errors, 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
* Review documents
* Bug Analysis report etc

**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