**Test Plan for ProductCategory in BrowserStackDemo Website**

**Application URL**: https://bstackdemo.com/  
**Prepared by**: N. SAIDURGA  
**Date**: 28/8/2025

**1. Test Plan Identifier**

TP-BrowserStack-ProductCategory-2025-m2

**2. Introduction**

This test plan is prepared for the Product Category Module of the bstackdemo e-commerce application. Goal is to validate that the product categories (e.g., Apple, Samsung, Google, OnePlus) and filters display the correct set of products. Testing will ensure functionality, usability, sorting, and responsiveness of category-based browsing.

**3. Test Items**

Search Bar,

Search button,

Sign in button,

BrowserStack tag for home page,

Products displayed,

Offers,

Orders,

Favourites,

Add to cart button, Add to wish list,

Printed text,

Product category buttons (Apple, Samsung, Google, OnePlus)

Product listing page for each selected category

Category-based filtering and results count

Sorting options (Highest to lowest, Lowest to highest, etc.)

Product details navigation from category results

UI display of product cards within each category

**4. Features to be Tested**

Search bar, Search button, products listed ,

Product category buttons (Apple, Samsung, Google, OnePlus)

Product listing page for each selected category

Category-based filtering and results count

Sorting options (Highest to lowest, Lowest to highest, etc.)

Product details navigation from category results

UI display of product cards within each category

**5. Features Not to be Tested**

Sign in button,

BrowserStack tag for home page,

Offers,

Orders,

Favourites,

Add to cart button, Add to wish list,

Printed text,

Footer links

**6. Approach**

**Automation:** Selenium + TestNG/Cucumber BDD for regression

**Manual Testing:** Verify category filtering, sorting

**UI Testing:** Check the category buttons available

**Cross-Browser Testing:** Chrome, Firefox, Edge, Safari

**Cross-Device Testing:** Laptop, Tablet, Mobile

**7. Item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**10. Environmental Needs**

Windows 10 / 11 test machines

Browsers: Chrome, Firefox, Edge

Mobile devices (Android and iOS)

Stable network connection

**11. Responsibilities**

**Test Lead: Vaishali Sonanis**— planning, reporting

**Testers**: N. SAIDURGA— execute test cases, log defects

**Developers**: — fix and verify defects

**12. Schedule**

| **Activity** | **Timeline** |
| --- | --- |
| Test Planning | 28/8/2025 |
| Test Case Design | 28/8/2025 |
| Test Execution | 28/8/2025 |
| Bug Reporting & Retest | 29/8/205 |
| Test Closure | 30/9/2025 |

**13. Risks and Contingencies**

No risk

**14. Approvals**

**Test Lead**: Vaishali Sonanis

**Project Manager**: Manager