TEST PLAN ON VENDORS OF BROWSERSTACK DEMO WEBSITE:

Test plan identifier = tp_vendors _bstackdemo _2025_v1

Introduction =Validate the vendor filter functionality on the product listing page; when a user selects a vendor button (Apple, Samsung, Google, OnePlus), only products from the chosen vendor should be displayed, and selecting different vendors updates the product list accordingly.

Test items = Vendor buttons (Apple, Samsung, Google, OnePlus), Vendor label, Product grid update based on selected vendor.

Features to be tested =Vendor backend management, Adding/removing vendors, Vendor-specific promotions, Advanced multi-vendor filtering, Back-end product association logic.

Features not to be tested =Sorting by non-price attributes, Custom sorting, Backend or server-side sorting implementation, UI customization of dropdown appearance.

Approach = Manual testing using black box functional testing and UI testing techniques. Automation testing will be planned using Selenium WebDriver along with TestNG, Page Object Model (POM), and Cucumber BDD framework, Jenkins.

Item pass/fail criteria = A test case will be marked as pass if the actual result matches the expected result. It will be marked as fail if the outcome deviates from the expected behavior.

Suspension criteria and resumption requirements = Testing will be suspended if the website is inaccessible or the login module is under maintenance. Testing will resume once the site becomes available and stable.

Test deliverables = Test Plan, Test Cases, Test Report, Bug Report, Test Summary Report, Bug Analysis Report.

Environmental needs = Windows 11 PC, Chrome and Firefox browsers, stable internet connection.

Responsibilities = KOTHAPALLI SUMALATHA (prepare test cases and test analysis reports)

Staffing and training needs = Selenium WebDriver (testers should be trained in basic automation scripting)

Schedule = 01/09/2025

Risks and contingencies = No risks.

Approvals = VISHALI SONANIS.