

TEST PLAN ON SEARCH OF BROWSERSTACK DEMO WEBSITE:

Test plan identifier = tp_search_bstackdemo_2025_v1

Introduction = Search input field, Search button, Product results grid, No results message, Search query display, Product count update.

Test items = Accepting and submitting queries, Displaying correct search results, Handling no-match results, Updating product count, Clearing or resetting search, Maintaining previous search state after navigation or refresh.

Features to be tested = Product details display, add to cart functionality, Favorite icon toggle, Product count accuracy, Navigation links, Search functionality, Installment price display.

Features not to be tested = Backend indexing algorithms, Search speed/performance optimization, Voice or image-based search, Multilanguage query processing, Search across non-product content.

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.