**Test Plan for SearchModule in BrowserStackDemo Website**

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

**1. Test Plan Identifier**

TP-BrowserStackDemo-SearchModule-2025-m1

**2. Introduction**

This test plan is prepared for the Search Module of the bstackdemo e-commerce application.  
The goal is to validate that the search bar functions correctly by allowing users to enter product names or keywords and displaying relevant results. Testing will ensure functionality, usability,negative case handling, and cross-browser compatibility for the search feature.

**3. Test Items**

Search Bar,

Search button,

Sign in button,

BrowserStack tag for home page,

Products displayed,

Order by filters,

Vendors Category,

Offers,

Orders,

Favourites ,

Add to cart button, Add to wish list,

Printed text

**4. Features to be Tested**

Search bar, Search button, both accepting the text or not, products listed

**5. Features Not to be Tested**

Sign in button,

BrowserStack tag for home page,

Order by filters,

Vendors Category,

Offers,

Orders,

Favourites,

Add to cart button, Add to wish list,

Printed text

**6. Approach**

**Functional Testing**: Verify product searching.

**UI Testing**: Check visibility of search button.

**Manual Testing:** Verify functional, UI, and negative test scenarios

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

**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