**Test Plan Document**

**Project Name:** BStack Demo Website  
**Module Covered:** Login, Product Listing, Cart, Checkout  
**Testing Type:** Manual Testing  
**Prepared By:** Nagashree  
**Date:** 26-Aug-2023

**1. Objective**

To manually validate the core functionalities of the BStack Demo e-commerce platform, ensuring proper login flow, product display, cart behaviour, and checkout actions across browsers.

**2. Scope of Testing**

**In-Scope:**

* Login/Logout Functionality
* Product Listing Page
* Add to Cart and Remove from Cart
* Checkout Button Flow
* UI Elements (buttons, images, error messages)

**Out of Scope:**

* Payment Gateway Integration (no real payments)
* Backend API Validation
* Security Testing
* Performance Testing

**3. Test Deliverables**

* Test Plan Document (this file)
* Test Case Document (Excel)
* Defect Log (if any issues found)
* Test Summary Report

**4. Test Environment**

| **Parameter** | **Details** |
| --- | --- |
| Application URL | <https://bstackdemo.com/> |
| Test Tool | Microsoft Excel / Google Sheets |
| Browsers Used | Chrome, Firefox, Edge |
| Test Data | Demo credentials (e.g., demouser, testing123) |
| Devices | Desktop (Windows/Mac) only |

**5. Testing Types to be Performed**

* Functional Testing
* UI Testing
* Boundary/Edge Case Testing
* Smoke Testing
* Regression Testing (if features change)

**6. Test Strategy**

* Manual testing only using predefined credentials
* Each major functionality (Login, Cart, Checkout) will be tested individually and in combination
* UI consistency and basic responsiveness will be verified
* No real orders or payments are processed, focus is on workflow and feedback handling

**7. Entry & Exit Criteria**

**Entry Criteria:**

* Application is deployed and accessible
* Requirements are known and reviewed
* Test cases are documented

**Exit Criteria:**

* All test cases executed
* Major bugs fixed or documented
* Summary report created

**8. Test Case Columns Explained**

| **Column** | **Description** |
| --- | --- |
| **TC No.** | Unique test case ID (e.g., TC\_BSTACK\_01) |
| **Test Case Description** | Summary of what is being tested |
| **Pre-condition** | Any setup required before executing the case |
| **Steps to Execute** | Detailed step-by-step actions to follow |
| **Expected Result** | What the system should do if working correctly |
| **Actual Result** | Observed output during test execution |
| **Status** | Pass / Fail / Blocked |

**9. Risks & Mitigation**

| **Risk** | **Mitigation Strategy** |
| --- | --- |
| Internet connectivity issue | Test on local network first, log pending cases |
| Unexpected UI changes on demo | Retest and report observations |
| Browser compatibility inconsistency | Ensure major browsers are tested |

**10. Roles and Responsibilities**

| **Role** | **Person** | **Responsibilities** |
| --- | --- | --- |
| QA Engineer | Nagashree | Write & execute test cases |
| Test Lead | - | - |

**11. Testing Schedule**

| **Activity** | **Start Date** | **End Date** |
| --- | --- | --- |
| Understanding the Requirements | 25-Aug-2023 | 25-Aug-2023 |
| Test Plan Document | 26-Aug-2023 | 26-Aug-2023 |
| Test Case Preparation | 27-Aug-2023 | 27-Aug-2023 |
| Test Closure Report | 28-Aug-2023 | 28-Aug-2023 |

**Sample Test Scenarios:**

| **TC No.** | **Test Case Description** |
| --- | --- |
| TC\_01 | Verify login with valid credentials |
| TC\_02 | Verify login with invalid credentials |
| TC\_03 | Add product to cart |
| TC\_04 | Remove product from cart |
| TC\_05 | Checkout flow with multiple items |
| TC\_06 | UI layout of product tiles |
| TC\_07 | Verify logout functionality |
| TC\_08 | Cart count reflects correctly after add/remove |