**Test Plan with Requirements for BrowserStack**

**Web Application URL: https://bstackdemo.com**

**Prepared by: B. Swaroop**

**Date:**

**Module 1: Login**

1. **Test Plan Identifier:**
   TP- BStack-login
2. **Introduction:**

    This test plan outlines the comprehensive testing strategy for the Browser Stack  web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

3. **Test Items:**
   Sign in
   Select username
   Select password
   Login
   Browser Stack logo

4. **Features to be Tested:**
   Sign in
   Select username
   Select password
   Login

5. **Features Not to be Tested**
   Browser Stack logo

6. **Approach**
   Manual testing
   Automation testing(Selenium TestNG)
   Functional testing based on positive and negative test scenarios
   Exploratory testing for security and UI issues
   Cross-browser testing (Chrome, Firefox, Edge)
   Test on at least 2 mobile devices for responsive behavior

Regression testing for critical workflows

**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**: B. Swaroop — execute test cases, log defects

**Developers** Ram — fix and verify defects

**Module 2: Logout**

1. **Test Plan Identifier:**

   TP- BStack-logout

2. **Introduction:**

   This test plan outlines the comprehensive testing strategy for the Browser Stack  web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

3. **Test Items:**

   Browser Stack demo logo

   Search

   Offers

   Orders

Favorites
Search
username
Logout
Product
Apple
Samsung
Google
OnePlus


4. **Features to be Tested:**
   Logout

5. **Features Not to be Tested**
   Browser Stack demo logo
   Offers
   Orders
   Favorites
   Search
   Username
   Product
   Apple
   Samsung
   Google
   OnePlus


6. **Approach**
   Manual testing
   Automation testing (Selenium TestNG)
   Functional testing based on positive and negative test scenarios
   Exploratory testing for security and UI issues
   Cross-browser testing (Chrome, Firefox, Edge)
   Test on at least 2 mobile devices for responsive behavior
   Regression testing for critical workflows

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**: B. Swaroop — execute test cases, log defects
**Developers** Ram — fix and verify defects

## Module 3: Add to cart
1. **Test Plan Identifier:**
   TP- BStack-addtocart
2. **Introduction:**

   This test plan outlines the comprehensive testing strategy for the Browser Stack  web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

3. **Test Items:**
   Browser Stack demo logo
   Offers
   Orders
   Favorites
   Search
   username
   Logout
   Product
   Apple
   Samsung
   Google
   OnePlus

Product img
Add to cart
Favorite img
Check out
Cross img
Stack demo
First name
Last name
Address
State
Postal code
Submit


4.  **Features to be Tested:**
Product img
Add to cart
Check out
First name
Last name
Address
State
Postal code
Submit

5.  **Features Not to be Tested**
Browser Stack demo logo
Offers
Orders
Favorites
Search
Username
Product
Apple
Samsung
Google
OnePlus


6. **Approach**
Manual testing
Automation testing (Selenium TestNG)
Functional testing based on positive and negative test scenarios
Exploratory testing for security and UI issues

Cross-browser testing (Chrome, Firefox, Edge)
Test on at least 2 mobile devices for responsive behavior
Regression testing for critical workflows

## 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**: B. Swaroop — execute test cases, log defects
**Developers** Ram — fix and verify defects

## Module 4: Search
1. **Test Plan Identifier:**
   TP- BStack-Search

2. **Introduction:**

   This test plan outlines the comprehensive testing strategy for the Browser Stack  web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

3. **Test Items:**
   Browser Stack demo logo

Search
Offers
Orders
Favorites
Search
username
Logout
Product
Apple
Samsung
Google
OnePlus


4. **Features to be Tested:**
   Search

5. **Features Not to be Tested**
   Browser Stack demo logo
   Offers
   Orders
   Favorites
   Search
   Username

**6. Approach**
   Manual testing
   Automation testing (Selenium TestNG)
   Functional testing based on positive and negative test scenarios
   Exploratory testing for security and UI issues
   Cross-browser testing (Chrome, Firefox, Edge)
   Test on at least 2 mobile devices for responsive behavior
   Regression testing for critical workflows
**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**: B. Swaroop — execute test cases, log defects
**Developers** Ram — fix and verify defects

## Module 5: Shop by Brand
 1. **Test Plan Identifier:**
    TP- BStack-ByBrand
 2. **Introduction:**

    This test plan outlines the comprehensive testing strategy for the Browser Stack  web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

 3. **Test Items:**
    Browser Stack demo logo
    Search
    Offers
    Orders
    Favorites
    Search
    username
    Logout
    Product
    Apple
    Samsung
    Google
    OnePlus

4.  **Features to be Tested:**
    Apple
    Samsung
    Google
    OnePlus

5.  **Features Not to be Tested**
    Browser Stack demo logo
    Offers
    Orders
    Favorites
    Search
    Username

## 6. Approach
Manual testing
Automation testing (Selenium TestNG)
Functional testing based on positive and negative test scenarios
Exploratory testing for security and UI issues
Cross-browser testing (Chrome, Firefox, Edge)
Test on at least 2 mobile devices for responsive behavior
Regression testing for critical workflows

## 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**: B. Swaroop — execute test cases, log defects

    **Developers** Ram — fix and verify defects

**Module 6: Favorites**

1. **Test Plan Identifier:**

   TP- BStack-Favourites

2. **Introduction:**

   This test plan outlines the comprehensive testing strategy for the Browser Stack  web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

3. **Test Items:**
   Browser Stack demo logo
   Search
   Offers
   Orders
   Favorites
   Search
   username
   Logout
   Product
   Apple
   Samsung
   Google
   OnePlus

4. **Features to be Tested:**
   Favorites

5. **Features Not to be Tested**
   Browser Stack demo logo
   Offers
   Orders
   Favorites
   Search
   Username
   Apple

Samsung
Google
OnePlus


## 6. Approach
Manual testing
Automation testing (Selenium TestNG)
Functional testing based on positive and negative test scenarios
Exploratory testing for security and UI issues
Cross-browser testing (Chrome, Firefox, Edge)
Test on at least 2 mobile devices for responsive behavior
Regression testing for critical workflows

## 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**: B. Swaroop — execute test cases, log defects
**Developers** Ram — fix and verify defects

**Module 7: Remove item**

1. **Test Plan Identifier:**
   TP- BStack-Remove

2. **Introduction:**

   This test plan outlines the comprehensive testing strategy for the Browser Stack web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

3. **Test Items:**
   Browser Stack demo logo
   Search
   Offers
   Orders
   Favorites
   Search
   Cart
   Cross
   Checkout
   username
   Logout
   Product
   Apple
   Samsung
   Google
   OnePlus

4. **Features to be Tested:**
   Cart
   Cross

5. **Features Not to be Tested**
   Browser Stack demo logo
   Offers

Orders
Favorites
Search
Username
Apple
Samsung
Google
OnePlus
Favorites

## 6. Approach
Manual testing
Automation testing (Selenium TestNG)
Functional testing based on positive and negative test scenarios
Exploratory testing for security and UI issues
Cross-browser testing (Chrome, Firefox, Edge)
Test on at least 2 mobile devices for responsive behavior
Regression testing for critical workflows

## 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**: B. Swaroop — execute test cases, log defects
**Developers** Ram — fix and verify defects

**Module 8: Order By**

1. **Test Plan Identifier:**

   TP- BStack-logout

2. **Introduction:**

   This test plan outlines the comprehensive testing strategy for the Browser Stack  web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

3. **Test Items:**
   Browser Stack demo logo
   Search
   Offers
   Orders
   Favorites
   Search
   Cart
   Order By
   Cross
   Checkout
   username
   Logout
   Product
   Apple
   Samsung
   Google
   OnePlus

4. **Features to be Tested:**
   Order By

5. **Features Not to be Tested**
   Browser Stack demo logo
   Offers
   Orders
   Favorites
   Search

Username
Cart
Cross
Apple
Samsung
Google
OnePlus
Favorites


**6. Approach**
Manual testing
Automation testing (Selenium TestNG)
Functional testing based on positive and negative test scenarios
Exploratory testing for security and UI issues
Cross-browser testing (Chrome, Firefox, Edge)
Test on at least 2 mobile devices for responsive behavior
Regression testing for critical workflows

**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**: B. Swaroop — execute test cases, log defects
**Developers** Ram — fix and verify defects

**Module 9: Privacy Policy**
1.  **Test Plan Identifier:**
    TP- BStack-policy
2.  **Introduction:**

    This test plan outlines the comprehensive testing strategy for the Browser Stack  web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

3.  **Test Items:**
    Browser Stack demo logo
    Search
    Offers
    Orders
    Favorites
    Search
    Cart
    Order By
    Cross
    Checkout
    username
    Logout
    Product
    Apple
    Samsung
    Google
    OnePlus
    Privacy policy

4.  **Features to be Tested:**
    Privacy policy

5.  **Features Not to be Tested**
    Browser Stack demo logo
    Offers
    Orders
    Favorites

Search
Username
Cart
Cross
Apple
Samsung
Google
OnePlus
Favorites
Order By

## 6. Approach
Manual testing
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Test on at least 2 mobile devices for responsive behavior
Regression testing for critical workflows

## 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**: B. Swaroop — execute test cases, log defects
**Developers** Ram — fix and verify defects

**Module 10: Offers**

1. **Test Plan Identifier:**

   TP- BStack-offers

2. **Introduction:**

   This test plan outlines the comprehensive testing strategy for the Browser Stack web application, a global online marketplace facilitating consumer-to-consumer and business-to-consumer sales. The purpose of this testing is to validate the complex functionality, scalability, security, and user experience of the platform, ensuring reliability for millions of simultaneous users and transactions.

3. **Test Items:**
   Browser Stack demo logo
   Search
   Offers
   Orders
   Favorites
   Search
   Cart
   Order By
   Cross
   Checkout
   username
   Logout
   Product
   Apple
   Samsung
   Google
   OnePlus
   Privacy policy

4. **Features to be Tested:**
   Offers

5. **Features Not to be Tested**
   Browser Stack demo logo
   Offers
   Orders

Favorites
Search
Username
Cart
Privacy policy
Cross
Apple
Samsung
Google
OnePlus
Favorites
Order By


## 6. Approach
Manual testing
Automation testing (Selenium TestNG)
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Exploratory testing for security and UI issues
Cross-browser testing (Chrome, Firefox, Edge)
Test on at least 2 mobile devices for responsive behavior
Regression testing for critical workflows

## 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**: B. Swaroop — execute test cases, log defects
**Developers** Ram — fix and verify defects