**Test Plan with Requirements for BrowserStack DEMO**

**Web Site URL: <https://bstackdemo.com>**

**Prepared by:Ashish kumar**

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**Test Frameworks(For Automation):**

**o TestNG**

**o Cucumber (BDD style scenarios with Gherkin)**

**Module Name :- User Registration**

1. **Test Plan Identifier:**

TC-BStack-Registration

1. **Introduction:**

This test plan is prepared for the BStack DEMO , This module tests the user registration flow for new users on the demo shopping platform..

1. **Test Items:**

Username field

Email field

Password field

Confirm Password field

Register button

**Features to be Tested:**

Form fields accept valid inputs

Validation errors for invalid input

Successful user registration

1. **Features Not to be Tested**

Browser Stack logo

1. **Approach :**

Manual testing for checking the logo and automation for registration, cross-browser testing on Chrome and Firefox, and testing on at least 2 mobile devices for responsive behavior

**6. item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**9. Environmental Needs**

Windows 10 / 11 , Mac test machines

Browsers: Chrome, Firefox

Mobile devices (Android and iOS)

Stable network connection

**10. Responsibilities**

**Test Lead: Vaishali Sonanis**— planning, reporting

**Testers**: Ashish kumar — execute test cases, log defects

**Developers** Rashmi — fix and verify defects

**Module Name :- Search**

1. **Test Plan Identifier:**

TC-BStack-Search

1. **Introduction:**

This test plan is prepared for the **BStack DEMO** , a demo online mobile shopping platform that provides a space to buy category of brands such as Apple, Samsung, Google, OnePlus. The purpose of this testing is to validate the functionality of the Site.

1. **Test Items:**

Search Field, Search Button

**Features to be Tested:**

Only Search Filed accepting and it’s Search button is redirecting correctly

1. **Features Not to be Tested**

Add to cart, Other features

**5. Approach**

Automation for Entering an Item and Click for Search Button

Cross-browser testing (Chrome, Firefox)

Test on at least 2 mobile devices for responsive behavior

Regression testing for critical workflows

**6. item Pass/Fail Criteria**

Pass: Page is redirected to search related products

Fail: If Page is Redirecting to home or not correctly redirected to searched item

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

Final Sign-off Report

**9. Environmental Needs**

Windows 10 / 11 , Mac test machines

Browsers: Chrome, Firefox

Mobile devices (Android and iOS)

Stable network connection

**10. Responsibilities**

**Test Lead: Vaishali Sonanis**— planning, reporting

**Testers**: Ashish Kumar — execute test cases, log defects

**Developers** Rashmi — fix and verify defects

**Module Name :- Product Details**

1. **Test Plan Identifier:**

TC-BStack-ProductDetails

1. **Introduction:**

This test plan is prepared for the **BStack DEMO** , a demo online mobile shopping platform that Validates the product detail page that displays product images, descriptions, price, and specifications

1. **Test Items:**

 Product image gallery, product description, price, availability status, reviews section

**Features to be Tested:**

Correct display of product images and zoom functionality

Accurate product details and pricing

Reviews and ratings visible

1. **Features Not to be Tested**

Checkout or cart functionalities here

**5. Approach**

Automated UI tests; cross-browser (Chrome, Firefox); test on mobile devices

**6. item Pass/Fail Criteria**

Pass: Function behaves as specified in requirements

Fail: Function behaves differently than expected or breaks critical flow

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

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**9. Environmental Needs**

Windows 10 / 11 , Mac test machines

Browsers: Chrome, Firefox

Mobile devices (Android and iOS)

Stable network connection

**10. Responsibilities**

**Test Lead: Vaishali Sonanis**— planning, reporting

**Testers**: Ashish kumar — execute test cases, log defects

**Developers :**Rashmi---fix and verify defects

**Module Name :- Favourites**

1. **Test Plan Identifier:**

TC-BStack-favourites

1. **Introduction:**

This test plan is prepared for the **BStack DEMO** , a demo online mobile shopping platform that provides a space to buy category of brands such as Apple, Samsung, Google, OnePlus. The purpose of this testing is to validate the functionality of the Site.

1. **Test Items:**

Love(Wishlist) symbol button

**Features to be Tested:**

Only Wishlist button and Favourites page is redirecting correctly

1. **Features Not to be Tested**

Add to cart, Other features

**5. Approach**

Automation for adding to cart and deleting from cart

Cross-browser testing (Chrome, Firefox)

Test on at least 2 mobile devices for responsive behavior

Regression testing for critical workflows

**6. item Pass/Fail Criteria**

Pass: Item is selected and added to our Favourites

Fail: After clicking the Wishlist(favourite) button if the item is not Shown in Favourites

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

Test Plan document

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**9. Environmental Needs**

Windows 10 / 11 , Mac test machines

Browsers: Chrome, Firefox

Mobile devices (Android and iOS)

Stable network connection

**10. Responsibilities**

**Test Lead: Vaishali Sonanis**— planning, reporting

**Testers**: Ashish kumar — execute test cases, log defects

**Developers** Rashmi — fix and verify defects

**Module Name :- Cart**

1. **Test Plan Identifier:**

TC-BStack-Cart

1. **Introduction:**

This test plan is prepared for the **BStack DEMO** , a demo online mobile shopping platform that provides a space to buy category of brands such as Apple, Samsung, Google, OnePlus. The purpose of this testing is to validate the functionality of the Site.

1. **Test Items:**

Add to cart Button

Delete Button

**Features to be Tested:**

Adding to cart, Deleting from cart

1. **Features Not to be Tested**

Add to favourites, Other features

**5. Approach**

Automation for adding to cart and deleting from cart

Cross-browser testing (Chrome, Firefox)

Test on at least 2 mobile devices for responsive behavior

Regression testing for critical workflows

**6. item Pass/Fail Criteria**

Pass: If item is added to cart and we are able to delete it from cart

Fail: if item is not added after clicking on add to cart (or) not deleting if clicked on delete button

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

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**9. Environmental Needs**

Windows 10 / 11 , Mac test machines

Browsers: Chrome, Firefox

Mobile devices (Android and iOS)

Stable network connection

**10. Responsibilities**

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**Module Name :- Shopping Cart Persistence**

1. **Test Plan Identifier:**

TC-BStack-CartPersistence

1. **Introduction:**

This test plan is prepared for the **BStack DEMO** , a demo online mobile shopping platform that provides a space to buy category of brands such as Apple, Samsung, Google, OnePlus. Ensures that shopping cart retains items across sessions and page reloads.

1. **Test Items:**

Cart item list, quantity updates, removal of items

**Features to be Tested:**

Cart items persist after closing and reopening browser

Quantity updates reflect correctly in cart total

Removing items updates cart instantly

1. **Features Not to be Tested**

 Payment process

**5. Approach**

Automated and manual tests; cross-browser and device testing

**6. item Pass/Fail Criteria**

Pass: If item is added to cart and we are able to Checkout item from the cart

Fail: If item is not able to checkout

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

Test Plan document

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Final Sign-off Report

**9. Environmental Needs**

Windows 10 / 11 , Mac test machines

Browsers: Chrome, Firefox

Mobile devices (Android and iOS)

Stable network connection

**10. Responsibilities**

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**Module Name :- Shipping Address**

1. **Test Plan Identifier:**

TC-BStack-Shipping Address

1. **Introduction:**

This test plan is prepared for the **BStack DEMO** , a demo online mobile shopping platform that provides a space to buy category of brands such as Apple, Samsung, Google, OnePlus. The purpose of this testing is to validate the functionality of the Site.

1. **Test Items:**

First Name

Last Name

Address

State/Province

Postal code

**Features to be Tested:**

If the Fields are Clickable or not and are accepting address

Submit Button

1. **Features Not to be Tested**

StackDemo(Home Button)

**5. Approach**

Automation for Filling Details

Cross-browser testing (Chrome, Firefox)

Test on at least 2 mobile devices for responsive behavior

Regression testing for critical workflows

**6. item Pass/Fail Criteria**

Pass: If the Fields are accepting correct inputs and are clickable

Fail: If Fields are Accepting anything as Input

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

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**9. Environmental Needs**

Windows 10 / 11 , Mac test machines

Browsers: Chrome, Firefox

Mobile devices (Android and iOS)

Stable network connection

**10. Responsibilities**

**Test Lead: Vaishali Sonanis**— planning, reporting

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**Module Name :- OrderReceipt\_Continue**

1. **Test Plan Identifier:**

TC-BStack-OR\_C

1. **Introduction:**

This test plan is prepared for the **BStack DEMO** , a demo online mobile shopping platform that provides a space to buy category of brands such as Apple, Samsung, Google, OnePlus. The purpose of this testing is to validate the functionality of the Site.

1. **Test Items:**

Order Receipt, Continue

**Features to be Tested:**

Download Order Receipt Button, Continue Button

1. **Features Not to be Tested**

StackDemo(Home Button)

**5. Approach**

Automation for Clicking Download Order Receipt Button and Continue Button

Cross-browser testing (Chrome, Firefox)

Test on at least 2 mobile devices for responsive behavior

Regression testing for critical workflows

**6. item Pass/Fail Criteria**

Pass: If Receipt is downloaded and continue button is taking us to home page

Fail: If Either of the above is not working

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

Test Plan document

Test Cases

Test Summary Report

Bug Reports

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**9. Environmental Needs**

Windows 10 / 11 , Mac test machines

Browsers: Chrome, Firefox

Mobile devices (Android and iOS)

Stable network connection

**10. Responsibilities**

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**Developers** Rashmi — fix and verify defects

**Module Name :- Filters**

1. **Test Plan Identifier:**

TC-BStack-Filters

1. **Introduction:**

This test plan is prepared for the **BStack DEMO** , a demo online mobile shopping platform that provides a space to buy category of brands such as Apple, Samsung, Google, OnePlus. The purpose of this testing is to validate the functionality of the Site.

1. **Test Items:**

Filters

Lowest to Highest

Highest to Lowest

**Features to be Tested:**

Select Button Beside Order By

1. **Features Not to be Tested**

Every other Feature

**5. Approach**

Automation for Selecting Lowest to Highest and Vice-versa…

Cross-browser testing (Chrome, Firefox)

Test on at least 2 mobile devices for responsive behavior

Regression testing for critical workflows

**6. item Pass/Fail Criteria**

Pass: If Select Option is clickable and Filtering is working accordingly.

Fail: If Either of the above is not working.

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

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**9. Environmental Needs**

Windows 10 / 11 , Mac test machines

Browsers: Chrome, Firefox

Mobile devices (Android and iOS)

Stable network connection

**10. Responsibilities**

**Test Lead: Vaishali Sonanis**— planning, reporting

**Testers**: Ashish kumar — execute test cases, log defects

**Developers** Rashmi — fix and verify defects

**Module Name :- Logout**

1. **Test Plan Identifier:**

TC-BStack-Logout

1. **Introduction:**

This test plan is prepared for the **BStack DEMO** , a demo online mobile shopping platform that provides a space to buy category of brands such as Apple, Samsung, Google, OnePlus. The purpose of this testing is to validate the functionality of the Site.

1. **Test Items:**

Logout Button

**Features to be Tested:**

Logout Button is working or not

1. **Features Not to be Tested**

Every other Feature

**5. Approach**

Automation for clicking Logout button in home page

Cross-browser testing (Chrome, Firefox)

Test on at least 2 mobile devices for responsive behavior

Regression testing for critical workflows

**6. item Pass/Fail Criteria**

Pass: If Logout is making us to logout of the account

Fail: If Button is functioning

**7. Suspension Criteria and Resumption Requirements**

NA

**8. Test Deliverables**

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