

Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module1: Login page

1. Test Plan Identifier

TP-Bs-v1

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Login page

Username

Password

Login Button

Title

Logo

4. Features to be Tested

Username

Password

Login Button

Title

5. Features Not to be Tested

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

Developers: Hari — fix and verify defects

Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module2: Home page

1. Test Plan Identifier

TP-Bs-v2

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Add to cart button

Vendors Selection

Sign in link

Hover on products

4. Features to be Tested

Add to cart button

Sign in link

Hover on products

5. Features Not to be Tested

Vendors Selection

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

Developers: Hari — fix and verify defects

Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module3: Search Bar

1. Test Plan Identifier

TP-Bs-v3

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Search bar

Search icon

4. Features to be Tested

Search bar

5. Features Not to be Tested

Search icon

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

Developers: Hari — fix and verify defects

Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module4: Add to cart

1. Test Plan Identifier

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Add to cart

Related information to product .(Image,Text)

Quantity adding/removing

Add to favorites

4. Features to be Tested

Add to cart

Related information to product(Image,Text)

Quantity adding/removing

Add to favorites

5. Features Not to be Tested

N/A

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

Developers: Hari — fix and verify defects

Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module5: Remove from cart

1. Test Plan Identifier

TP-Bs-v5

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Remove from cart

Cart icon

Cross icon of popup box

Cross icon at product

Quantity removing from cart

Number displayed over cart icon

UI of popup

4. Features to be Tested

Remove from cart

Cart icon

Cross icon of popup box

Cross icon at product

Quantity removing from cart

Number displayed over cart icon

5. Features Not to be Tested

UI of popup

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

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Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module6: Logout

1. Test Plan Identifier

TP-Bs-v6

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Logout link

4. Features to be Tested

Logout link

5. Features Not to be Tested

N/A

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

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Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module7: Responsiveness across different mobiles

1. Test Plan Identifier

2. Introduction

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3. Test Items

Website

4. Features to be Tested

Responsiveness and alignments in different devices

5. Features Not to be Tested

N/A

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

Developers: Hari — fix and verify defects

Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module 8: Footer Links

1. Test Plan Identifier

TP-Bs-v8

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Copyrights

Privacy policy

4. Features to be Tested

Copyrights

Privacy policy

5. Features Not to be Tested

N/A

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

Developers: Hari — fix and verify defects

Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module 9: Header Links

1. Test Plan Identifier

TP-Bs-v9

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Offers

Orders

Favourites

4. Features to be Tested

Offers

Orders

Favourites

5. Features Not to be Tested

N/A

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

Developers: Hari — fix and verify defects

Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module10: Subscribe to newsletter

1. Test Plan Identifier

TP-Bs-v10

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Email

Design of the email button

4. Features to be Tested

Email

5. Features Not to be Tested

Design of the email button

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 behaviour

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

G. Test Deliverables

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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: T. Sai Kiran— execute test cases, log defects

Developers: Hari — fix and verify defects

Test Plan With Requirements for BrowserStackDemo

Web Application URL: <https://bstackdemo.com/>

Prepared by: Thotakuri Sai Kiran

Date:

Module11: Filter

1. Test Plan Identifier

TP-Bs-v11

2. Introduction

The primary purpose of this testing is to rigorously verify the application's functionality, usability, compatibility, and performance. This test plan will outline the methods to ensure that all user interactions—including user authentication, product selection and filtering, cart management, the checkout process, and order confirmation—behave as expected under various conditions and across diverse technology stacks.

3. Test Items

Filter

4. Features to be Tested

Filter

5. Features Not to be Tested

N/A

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 behaviour

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

G. Test Deliverables

Test Plan document

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Test Summary Report

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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: T. Sai Kiran— execute test cases, log defects

Developers: Hari — fix and verify defects