

Introduction

In the world of e-commerce, providing a seamless and secure shopping experience is crucial. This document presents a manual software testing strategy for key features of an e-commerce website, such as user registration, login, purchasing, checkout, and invoicing.

White box testing focuses on the internal workings of the application, allowing testers to verify the functionality of individual components. This method helps identify vulnerabilities and ensures that the application adheres to specified requirements.

Focus Testing Areas

1. User Registration

- Verify input validation (e.g., email formats, password strength).
- Ensure data is stored correctly and user verification processes work as intended.

2. Login

- Test secure authentication mechanisms and password management.
- Check session handling and the system's response to failed login attempts.

3. Purchasing

- Validate the process of adding items to the cart and inventory management.
- Ensure accurate calculations for totals, discounts, and taxes.

4. Checkout

- Confirm the integrity of the payment process and address validation.
- Test various payment methods to ensure proper functionality.

5. Invoicing

- Verify the accuracy of generated invoices and the retrieval of order data.
- Check the formatting and delivery of invoices to users.

Testing Approach

The testing process will include:

Test Case Creation: Creating detailed test cases that cover all functionalities and edge cases.

Execution: Performing manual tests, focusing on user interactions and system responses.

Documentation: Keeping thorough records of test results and identified issues for tracking and resolution.

Bug Report

BUG-001

Registration with invalid email format

Bug Title : User should not be able to register with an invalid Email

Severity: High

Priority: High

Precondition: User has not logged in as a user on the website

Step/s

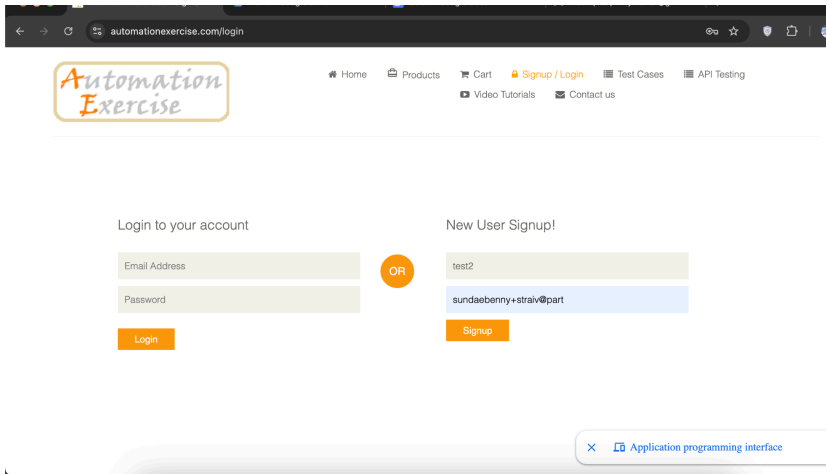
1. Launch browser
2. Navigate to url ' http://automationexercise.com '
3. Verify that home page is visible successfully
4. Click on 'Signup / Login' button
5. Verify 'New User Signup!' is visible
6. Enter name : 'text' and email address : ' sundaebenny+straiv@part '
7. Click 'Signup' button

Expected Result:

User should not be able to proceed to Account Info Page

Email format should be verified a valid email

Actual Result:



User was able to proceed to Account Info page with an invalid email format

ENTER ACCOUNT INFORMATION

Title

☐ Mr.

☐ Mrs.

Name *

test2

Email *

sundaebenny+straiv@part

Password *

BUG-002
Registration

Bug Title: Account Information Page Country Field does not contain all countries on dropdown

Severity: medium
Priority: medium

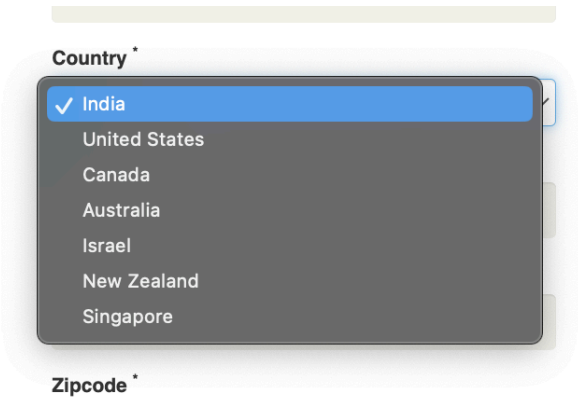
Precondition: User has provided valid name and email address on Signup/Login Page

Steps:

1. Launch browser
2. Navigate to url ' http://automationexercise.com '
3. Verify that home page is visible successfully
4. Click on 'Signup / Login' button
5. Verify 'New User Signup!' is visible
6. Enter name and email address
7. Click 'Signup' button
8. Verify that 'ENTER ACCOUNT INFORMATION' is visible
9. Fill details: Title, Name, Email, Password, Date of birth
10. Select checkbox 'Sign up for our newsletter!'
11. Select checkbox 'Receive special offers from our partners!'
12. Fill details: First name, Last name, Company, Address, Address2, Country , State, City, Zipcode, Mobile Number

Expected Result:
Country Dropdown should contain all countries

Actual Result:
Country dropdown only contains 7 countries



BUG-003
Product Management

Bug Title: User should be prompted with products with matching name to search input

Severity: low
Priority: low

Precondition: User has successfully loaded url '<http://automationexercise.com>' home page

Steps:

1. Click on 'Products' button
2. Verify user is navigated to ALL PRODUCTS page successfully
3. Enter text : 'dress' in search input and click search button
4. Verify 'SEARCHED PRODUCTS' is visible
5. Verify Products displayed match names with search input

Expected Results:
Products displayed match names with search input

Actual Result:
Items under Category matching search input was also displayed


dress

Q

CATEGORY

BRANDS


SEARCHED PRODUCTS



Rs. 1000

Sleeveless [Dress](#)

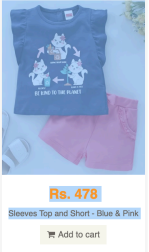
[View Product](#)



Rs. 1500

Stylish Dress


[View Product](#)



Rs. 478

Sleeves Top and Short - Blue & Pink

[View Product](#)



NEW

Sleeves Top and Short - Blue & Pink

Category: Kids > [Dress](#)

★★★★☆

Rs. 478

Quantity:

Add to cart

Availability: In Stock

Condition: New

Brand: Babyhug

BUG-004
Product Management

Bug Title: Product Details Page should display Product Name clearly

Severity: low
Priority: low


Precondition: User has successfully loaded url '<http://automationexercise.com>' home page

Steps:


1. Click on 'Products' button
2. Verify user is navigated to ALL PRODUCTS page successfully
3. The products list is visible
4. Click on 'View Product' of first product
5. User is directed to product detail page
6. Verify that product detail is visible: product name, category, price, availability, condition, brand


Expected Result:
Product Details should be displayed legibly, easy to understand for user

Actual Result:
Product Name contains Search icons and are in different font colors



NEW

Men  Tshirt

Category: Men >  Tshirts


★★★★☆

Rs. 400


Quantity:

Add to cart

Availability: In Stock
Condition: New
Brand: H&M



NEW

Stylish  Dress

Category: Women > Dress


★★★★☆

Rs. 1500



Quantity:

Add to cart

Availability: In Stock
Condition: New
Brand: Madame



NEW

 Sleeveless  Dress

Category: Women > Dress

★★★★☆

Rs. 1000

Quantity:

Add to cart

Availability: In Stock
Condition: New
Brand: Madame

WRITE YOUR REVIEW

BUG-005
Product Management

Bug Title: User should be able to adjust Item Quantity included in Shopping Cart

Severity: low
Priority: low

Precondition:
User has successfully loaded url '<http://automationexercise.com>' home page
User has added multiple items of the varying quantity to cart


Steps:

1. Click 'Cart' button
2. Verify that cart page is displayed

Expected Result:
User should have an option to adjust Item quantity in the Cart

Actual Result:
User was unable to adjust Item Quantity of Product in Cart

Proceed To Checkout

Item	Description	Price	Quantity	Total	
	Stylish Dress Women > Dress	Rs. 1500	<div>4</div>	Rs. 6000	<div>×</div>

BUG-006

Checkout Process

Bug Title: User Details should be reflected properly on Checkout

Severity: low

Priority: low

Precondition:

User has Registered with Account Details, No Title selected (Mr./Mrs.)

User has successfully loaded url '<http://automationexercise.com>' home page

Items have been added to Cart

Steps:

1. Click 'Cart' button
2. Verify that cart page is displayed
2. Click Proceed To Checkout
3. Verify that the delivery address is same address filled at the time registration of account
4. Verify that the billing address is same address filled at the time registration of account

Expected Result:

User Details should be reflected correctly

Actual Result:

Customer Name has ‘.’ preceding name on Delivery and Billing Address

Automation Exercise

Home

Products

Cart

Logout

Delete Account

Test Cases

API Testing

Video Tutorials

Contact us

Logged in as john doe

Home

Checkout

Address Details


YOUR DELIVERY ADDRESS

. john doe
rizal st.
manila NCR 1234
India
+345678901234

YOUR BILLING ADDRESS

. john doe
rizal st.
manila NCR 1234
India
+345678901234

Review Your Order

Item	Description	Price	Quantity	
	Men Tshirt Men > Tshirts	Rs. 400	1	Rs. 400

Application programming interface

BUG-007
Additional Functionalities

Bug Title: Subscription field input should be displayed more legible than placeholder text

Severity: low
Priority: low

Precondition:
User has successfully loaded url '<http://automationexercise.com>' home page

Steps:

1. Scroll down to footer
2. Verify text 'SUBSCRIPTION'
3. Enter email address in input and click arrow button

Expected Result:
User input should be legible/readable

Actual Result:
Input text font color is lighter than placeholder text font color. Input not legible.
Issue exist on both Home > Footer & Cart > Footer

BUG-007
Additional Functionalities

Bug Title: Contact Us Message box should have Input limit

Severity: medium
Priority: low

Precondition:
User has successfully loaded url '<http://automationexercise.com>' home page

Steps:

1. Click on 'Contact Us' button
2. Verify 'GET IN TOUCH' is visible
3. Enter name, email, subject and message, Input Lorem Ipsum text repeatedly.

Expected Result:
Warning should be prompted to user about input limit

Actual Result:
Message Input Field does not seem to have input limit

BUG-008
Additional Functionalities

Bug Title: Contact Us Upload file should have limit

Severity: medium
Priority: low

Precondition:
User has successfully loaded url '<http://automationexercise.com>' home page

Steps:

1. Click on 'Contact Us' button
2. Verify 'GET IN TOUCH' is visible
3. Enter name, email, subject and message, Upload item > 2MB

Expected Result:
Warning should be prompted to user about upload limit

Actual Result:
Upload Item does not seem to have input limit