Bug Identification

BUG-001

Registration with invalid email format

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

Severity: High
Priority: High

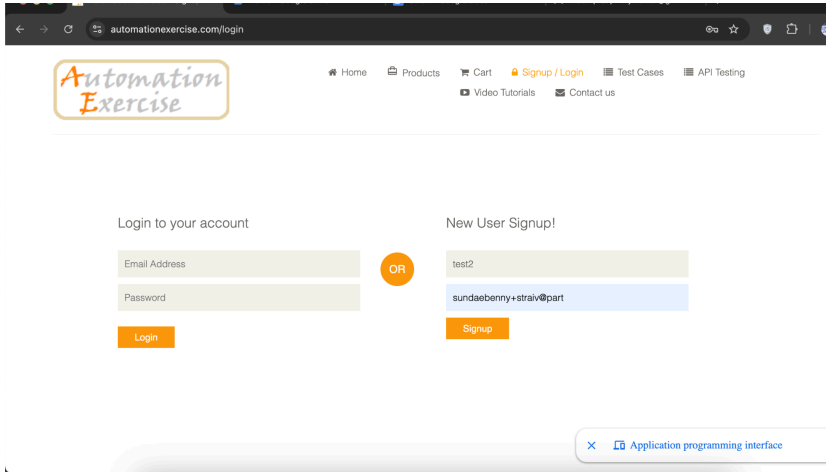Precondition: User has not logged in as a user on the website

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

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
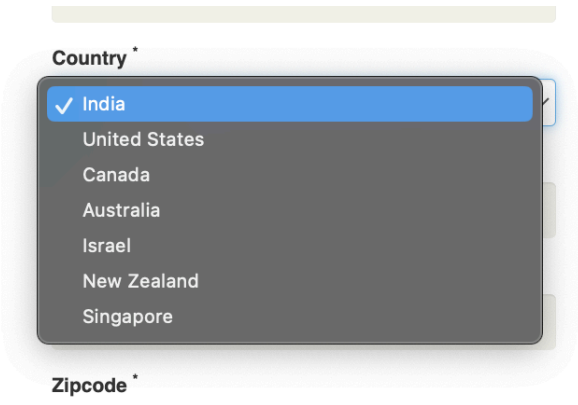
BUG-003
Product Management

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

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

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	4	Rs. 6000	✕

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
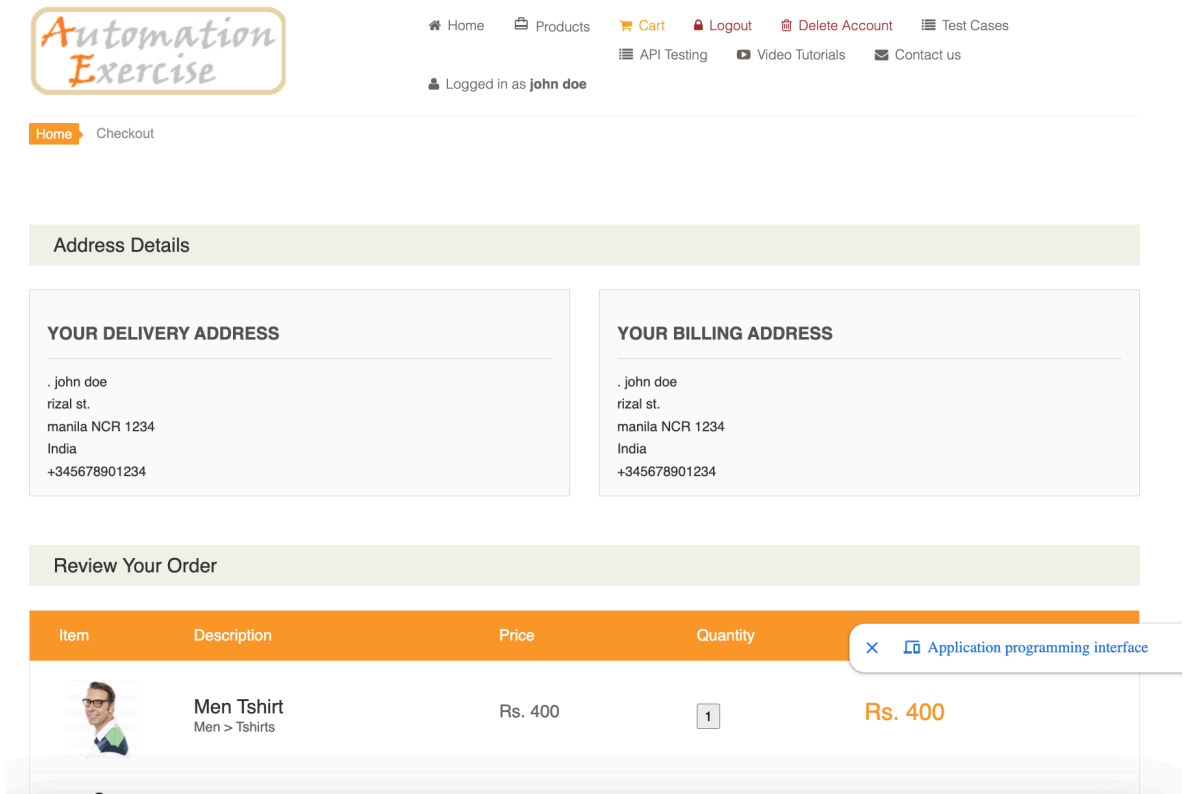
BUG-007
Additional Functionalities

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

Test Plan

Test Objectives

- Ensure the application meets all specified requirements.
- Identify and fix defects before the product goes live.
- Validate the functionality, performance, and security of the application.

Scope and Boundaries

- **In Scope**: User Registration, User Login, Product Management, Checkout Process, Additional Functionalities.
- **Out of Scope**: Backend database testing, third-party integrations not specified in the requirements.

Risk Assessment and Prioritization

- **High Priority**: User Registration, User Login, Checkout Process.
- **Medium Priority**: Product Management.
- **Low Priority**: Additional Functionalities.

Detailed Test Cases

User Registration

1. **Register User**
   - **Objective**: Verify that a new user can register successfully.
   - **Steps**:
     1. Navigate to the registration page.
     2. Enter valid user details (name, email, password).
     3. Submit the registration form.
   - **Expected Result:** User is registered and redirected to the welcome page.

2. **Register User with Existing Email**
   - **Objective**: Verify that registration fails if the email is already in use.
   - **Steps**:
     1. Navigate to the registration page.
     2. Enter details with an email already registered.
     3. Submit the registration form.
   - **Expected Result**: Error message indicating the email is already in use.

3. **Register User with Invalid Email Format**
   - **Objective**: Verify that registration fails with an invalid email format.
   - **Steps**:
     1. Navigate to the registration page.
     2. Enter details with an invalid email format.
     3. Submit the registration form.
   - **Expected Result:** Error message indicating the email format is invalid.

4. Login User with Correct Email and Password
- **Objective**: Verify that a user can log in with valid credentials.
- **Steps**:
  1. Navigate to the login page.
  2. Enter valid email and password.
  3. Submit the login form.
- **Expected Result:** User is logged in and redirected to the dashboard.

5. Login User with Incorrect Email and Password
- **Objective**: Verify that login fails with incorrect credentials.
- **Steps**:
  1. Navigate to the login page.
  2. Enter incorrect email and password.
  3. Submit the login form.
- **Expected Result**: Error message indicating invalid credentials.

6. Login User with Empty Fields
- **Objective**: Verify that login fails if fields are left empty.
- **Steps**:
  1. Navigate to the login page.
  2. Leave email and password fields empty.
  3. Submit the login form.
- **Expected Result**: Error message indicating that fields cannot be empty.

Product Management

7. Search Product
- **Objective**: Verify that users can search for products.
- **Steps**:
  1. Navigate to the search bar.
  2. Enter a product name.
  3. Submit the search query.
- **Expected Result**: Relevant products are displayed.

8. Add Products to Cart
- **Objective**: Verify that users can add products to their cart.
- **Steps**:
  1. Navigate to a product page.
  2. Click on "Add to Cart".
- **Expected Result**: Product is added to the cart.

9. Verify All Products and Product Detail Page
- **Objective**: Verify that all products and their details are displayed correctly.
- **Steps**:
  1. Navigate to the product listing page.
  2. Click on a product to view its details.
- **Expected Result**: Product details are displayed correctly.

10. Remove Products from Cart
- **Objective**: Verify that users can remove products from their cart.
- **Steps**:

1. Navigate to the cart.
2. Click on "x" for a product.
- Expected Result: Product is removed from the cart.

Checkout Process

11. **Place Order: Register while Checkout**
   - **Objective**: Verify that users can register during the checkout process.
   - **Steps**:
   1. Add products to the cart.
   2. Proceed to checkout.
   3. Register as a new user during checkout.
   - **Expected Result**: User is registered and order is placed successfully.

12. **Place Order: Login before Checkout**
   - **Objective**: Verify that users can log in before placing an order.
   - **Steps**:
   1. Add products to the cart.
   2. Proceed to checkout.
   3. Log in with existing credentials.
   - **Expected Result**: User is logged in and order is placed successfully.

13. **Verify Address Details in Checkout Page**
   - **Objective**: Verify that address details are correctly displayed during checkout.
   - **Steps**:
   1. Add products to the cart.
   2. Proceed to checkout.
   3. Verify address details.
   - **Expected Result**: Address details are displayed correctly.

Additional Functionalities

14. **Verify Subscription in Homepage**
   - **Objective**: Verify that users can subscribe to newsletters from the homepage.
   - **Steps**:
   1. Navigate to the homepage.
   2. Enter email in the subscription field.
   3. Submit the subscription form.
   - **Expected Result**: Subscription confirmation message is displayed.

15. **Contact Us Form**
   - **Objective**: Verify that users can submit inquiries through the contact form.
   - **Steps**:
   1. Navigate to the "Contact Us" page.
   2. Fill in the contact form.
   3. Submit the form.
   - **Expected Result**: Confirmation message is displayed.

16. **Download Invoice after Purchase Order**
   - **Objective**: Verify that users can download invoices after placing an order.
   - **Steps**:
   1. Place an order.

2. Navigate to the order history.
3. Click on "Download Invoice".
- **Expected Result**: Invoice is downloaded successfully.