#### STD

E-COMMERCE site automation testing project

### First Automate 'User Registration and Login' of the urbanica e-commerce website

**Positive Scenario**

#### 1. Test Case - Automate the User Registration process of an e-commerce website.

**Steps to Automate:**

1. Open this URL  https://www.urbanica-wh.com/

2. Click on the sign-in link.

3. Enter your email address in the 'Create and account' section.

4. Click on Create an Account button.

5. Enter your Personal Information, Address and Contact info.

6. Click on the Register button.

7. Validate that the user is created.

**Selenium code for User Registration:**This code is contributed by Uday. We have provided the code for only positive scenarios, you should try automating negative scenarios yourself.

**Negative Scenarios**

#### 2. Test Case - Verify invalid email address error.

**Steps to Automate:**

1. Open this URL https://www.urbanica-wh.com/

2. Click on the sign-in link.  
3. Enter an invalid email address in the email box and click enter.  
4. Validate that an error message is displaying saying "Invalid email address."

#### 3. Test Case - Verify error messages for mandatory fields.

**Steps to Automate:**

1. Open this URL https://www.urbanica-wh.com/

2. Click on the sign-in link.  
3. Enter your email address and click the Register button.  
4. Leave the mandatory fields (marked with \*) blank and click the Register button.  
5. Verify that error has been displayed for the mandatory fields.

#### 4. Test Case - Verify error messages for entering incorrect values in fields.

**Steps to Automate:**

1. Open this URL https://www.urbanica-wh.com/

2. Click on the sign-in link.  
3. Enter your email address and click the Register button.  
4. Enter incorrect values in fields like., enter numbers in first and last name, city field, etc., and enter alphabets in Mobile no, Zip postal code, etc., and click on the 'Register' button.  
5. Verify that error messages for respective fields are displayed.  
Try automating the above scenarios using Selenium commands, if you face any difficulty please refer to the Selenium Tutorial series.

**5. Automate the 'Search Product' feature of GAP e-commerce website with Selenium**

1. **Test Case - Automate the 'Search Product' feature of the e-commerce website with Selenium.**

**Steps to Automate:**

1. Open the link https://www.urbanica-wh.com/

2. Move your cursor over the Women's link.

3. Click on the sub-menu 'shirts'

4. Get the Name/Text of the first product displayed on the page.

5. Now enter the same product name in the search bar present at top of the page and click the search button.

6. Validate that the same product is displayed on the searched page with the same details which were displayed on T-Shirt's page.

### 6. Automate the 'Buy Product' feature of GAP an e-commerce website with Selenium

The most important function of an e-commerce website is buying a product, which includes various steps like the select product, select size/color, add to cart, checkout, etc. You will find every test scenario along with automation code in the following section.

#### 1. Test Case - Automate the end-to-end "Buy Product" feature of the e-commerce website.

**Steps to Automate:**

1. Open the link https://www.urbanica-wh.com/

2. log in to the website.

3. Move your cursor over the Women’s link.

4. Click on sub-menu 'T-shirts'.

5. Mouse hover on the second product displayed.

6. 'More' button will be displayed, click on the 'More' button.

7. Increase quantity to 2.

8. Select size

9. Select color.

10. Click the 'Add to Cart button.

11. Click the 'Proceed to checkout button.

12. Complete the buy order process till payment.

13. Make sure that the Product is ordered.

**2. Test Case - Verify that 'Add to Wishlist' only works after login.**

**Steps to Automate:**

1. Open the link https://www.urbanica-wh.com/

2. Move your cursor over the Women's link.

3. Click on sub-menu 'T-shirts'.

4. Mouse hover on the second product displayed.

5. 'Add to Wishlist' will appear on the bottom of that product, click on it.

6. Verify that the error message is displayed 'You must be logged in to manage your wish list.'

**3. Test Case - Verify that Total Price is reflecting correctly if the user changes quantity on the 'Shopping Cart Summary' Page.**

**Steps to Automate:**

1. Open the link https://www.urbanica-wh.com/

2. log in to the website.

3. Move your cursor over the Women’s link.

4. Click on sub-menu 'T-shirts'.

5. Mouse hover on the second product displayed.

6. 'More' button will be displayed, click on the 'More' button.

7. Make sure quantity is set to 1.

8. Select size

9. Select the color of your choice.

10. Click the 'Add to Cart button.

11. Click the 'Proceed to checkout button.

12. Change the quantity to 2.

13. Verify that the Total price is changing and reflecting correct price.

Similar way you can add a few more test cases.