#### מסמך STD

### לפרוייקט סיום בדיקות אוטומציה אתר ECOMMERCE

### First Automate 'User Registration and Login' of amazon like e-commerce website

This section is focused on covering all the scenarios for User Registration for an e-commerce website. In this assignments you will learn the different Selenium commands which are used to handle the web form. A web form is generally a collection of web elements like, text boxes, radio buttons, selection box etc. And in web testing, we mostly face web forms and our 90% of testing revolves around web forms. We are going to cover both positive and negative scenarios for User Registration.

**Positive Scenario**

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

**Steps to Automate:**

1. Open this url  <http://ebay.com>

2. Click on sign in link.

3. Click on Create an Account button.

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

5. Click on Register button.

6. Validate that user is created.

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

**Negative Scenarios**

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

**Steps to Automate:**

1. Open this url  <http://ebay.com>

2. Click on sign in link.  
3. Enter invalid email address in the email box and click enter.  
4. Validate that an error message is displaying saying "Oops, that's not a match."

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

**Steps to Automate:**

1. Open this url  <http://ebay.com>

2. Click on sign in link.  
3. Enter email address and click Register button.  
4. Leave the mandatory fields (marked with \*) blank and click 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  <http://ebay.com>

2. Click on sign in link.  
3. Enter email address and click 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 'Register' button.  
5. Verify that error messages fpr respective fields are displaying.  
Try automating the above scenarios using Selenium commands, if you face any difficulty please refer the Selenium Tutorial series.

**5. Automate 'Search Product' feature of amazon like e-commerce website with Selenium**

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

**Steps to Automate**

**:**

1. Open link  <http://ebay.com>

2. Move your cursor to Electronics link.

3. Move your cursor to Apple and click.

4. Move your cursor to iPhone 11 and click.

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

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

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

### 6. Automate 'Buy Product' feature of amazon like e-commerce website with Selenium

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

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

**Steps to Automate:**

1. Open link <http://ebay.com>

2. Login to the website.

3. Move your cursor to Electronics link.

4. Move your cursor to Apple and click.

5. Move your cursor to iPhone 11 and click.

6. click on the first product displayed on the page.

7. Click 'Add to Cart' button.

8. Click checkout button.

8. make sure you are on page checkout.

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

**Steps to Automate:**

1. Open link <http://ebay.com>

2. Move your cursor to Electronics link.

3. Move your cursor to Apple and click.

4. Move your cursor to iPhone 11 and click.

5. click on the first product displayed on the page.

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

7. Verify sign in page opens

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

**Steps to Automate:**

1. Open link http://automationpractice.com/index.php

2. Login to the website.

3. Move your cursor over 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 'More' button.

7. Make sure quantity is set to 1.

8. Select size 'M'

9. Select color of your choice.

10. Click 'Add to Cart' button.

11. Click 'Proceed to checkout' button.

12. Change the quantity to 2.

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

Similar way you can add few more test cases.

Selector qty=”#s0-0-20-10-11-electro-wireless-1346549252-144195215991-qty\[\]-1-dropdown”

Selector price for unit= “#mainContent > div > div.left-section > div.app-cart > div > div > ul > li > div > div > div > div.listsummary-content > div > div.grid\_\_group.grid\_\_cell--7of16-lg.grid\_\_cell--5of16.t-align-r.rightmost-cell > div > div:nth-child(1) > div.grid\_\_cell--one-half.rightmost-cell > div > div > span > span > span”

Selector price profuct =”#mainContent > div > div.right-section > div > div.table > div:nth-child(1) > div.val-col > span > span > span”

Selctor+shipping =”#mainContent > div > div.right-section > div > div.table > div:nth-child(2) > div.val-col > span > span > span”

Selector import= “#mainContent > div > div.right-section > div > div.table > div:nth-child(3) > div.val-col > span > span > span”

Selector total=”#mainContent > div > div.right-section > div > div.table > div:nth-child(5) > div.val-col.total-row > span > span > span”