Create testing class

Project URL= https://www.ebay.com/

1. Add pre-requisite
2. Create 10 testcases for

1.Login

2.Multiple searches using array list or array

3.Add to cart

4.delete from cart

5.Change login name

6. change current address

7.shop by categories

8.select particular product right click on that product image and find out description of that product.

9.shop by all categories and check whether this function is working fine or not

10. change the language of your application using setting

1. Create Post condition for every testcase

Testcases:

package com.selenium.testg;

import java.time.Duration;

import java.util.ArrayList;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.interactions.Actions;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;

import org.testng.Assert;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class EbayTest {

WebDriver driver;

@Test(priority = 1)

public void login() {

WebElement loginLink = driver

.findElement(By.xpath("/html/body/div[4]/div/div/div/div[1]/header/nav/div[1]/span[1]/span/a"));

loginLink.click();

WebElement userId = driver.findElement(By.id("userid"));

userId.sendKeys("ashwin.jampana0706@gmail.com");

WebElement signinButton = driver.findElement(By.id("signin-continue-btn"));

signinButton.click();

WebElement password = driver.findElement(By.id("pass"));

password.click();

password.sendKeys("ashwin123");

password.sendKeys(Keys.ENTER);

WebElement signIn = driver.findElement(By.id("sgnBt"));

signIn.click();

}

@Test(priority = 2)

public void multiSearch() throws InterruptedException {

List<String> listOfSearch = new ArrayList<String>();

listOfSearch.add("HeadPhones");

listOfSearch.add("iphone 16");

listOfSearch.add("watches for men");

for (String i : listOfSearch) {

WebElement search = driver.findElement(By.id("gh-ac"));

search.clear();

search.sendKeys(i);

driver.findElement(By.id("gh-search-btn")).click();

driver.navigate().back();

Thread.sleep(1000);

}

}

@Test(priority = 3)

public void addToCart() throws InterruptedException {

// Search for the product

WebElement search = driver.findElement(By.id("gh-ac"));

search.sendKeys("Headset");

search.sendKeys(Keys.ENTER);

Thread.sleep(3000);

// Click on the product image

WebElement addtocart = driver.findElement(

By.xpath("/html/body/div[5]/div[4]/div[3]/div[1]/div[3]/ul/li[1]/div/div[1]/div/a/div/img"));

addtocart.click();

Thread.sleep(3000);

// Switch to new tab

ArrayList<String> tabs = new ArrayList<>(driver.getWindowHandles());

driver.switchTo().window(tabs.get(1));

// // Click Add to Cart button

driver.findElement(By.id("atcBtn\_btn\_1")).click();

Thread.sleep(3000);

//

// // Switch back to first tab

driver.switchTo().window(tabs.get(0));

WebElement cart = driver.findElement(By.cssSelector("span[class='gh-cart\_\_icon']"));

cart.click();

Thread.sleep(3000);

WebElement delete = driver.findElement(By.cssSelector("button[data-test-id='cart-remove-item']"));

delete.click();

}

@Test(priority = 4)

public void loginName() throws InterruptedException {

WebElement elementToHover = driver.findElement(By.cssSelector("div[class='gh-nav\_\_left-wrap']"));

Actions actions = new Actions(driver);

actions.moveToElement(elementToHover).build().perform();

Thread.sleep(3000);

driver.get("https://accountsettings.ebay.com/uas");

Thread.sleep(3000);

driver.findElement(By.id("account-settings-link-PI")).click();

Thread.sleep(3000);

driver.findElement(By.id("individual\_username\_edit\_button")).click();

Thread.sleep(3000);

WebElement inp = driver.findElement(By.id("user\_name"));

inp.clear();

inp.sendKeys("ashwin");

driver.findElement(By.id("username\_submit\_edit\_btn")).click();

Thread.sleep(3000);

WebElement name = driver.findElement(By.id("userid"));

name.sendKeys("ashwin.jampana0706@gmail.com");

driver.findElement(By.id("signin-continue-btn")).click();

Thread.sleep(3000);

WebElement pass = driver.findElement(By.id("pass"));

pass.sendKeys("ashwin123");

driver.findElement(By.id("sgnBt")).click();

Thread.sleep(4000);

}

@Test(priority = 5)

public void currentAddress() {

WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));

// Go to Account Settings

driver.get("https://accountsettings.ebay.com/uas");

wait.until(ExpectedConditions.elementToBeClickable(By.id("account-settings-link-PI"))).click();

// Navigate to address section

wait.until(ExpectedConditions.elementToBeClickable(By.id("account-settings-link-ADDR"))).click();

// Edit address

wait.until(ExpectedConditions.elementToBeClickable(By.cssSelector("button[aria-label='Edit']"))).click();

WebElement street = wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("addressLine1")));

street.clear();

street.sendKeys("123 Test Street");

WebElement city = driver.findElement(By.id("city"));

city.clear();

city.sendKeys("Hyderabad");

WebElement postal = driver.findElement(By.id("postalCode"));

postal.clear();

postal.sendKeys("500001");

// Save address

driver.findElement(By.cssSelector("button[aria-label='Save']")).click();

}

@Test(priority = 6)

public void shopCategories() {

WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));

// Hover over "Shop by category"

WebElement shopCategory = wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("gh-shop-a")));

Actions actions = new Actions(driver);

actions.moveToElement(shopCategory).perform();

// Click Electronics category

WebElement electronics = wait.until(ExpectedConditions.elementToBeClickable(By.linkText("Electronics")));

electronics.click();

}

@Test(priority = 7)

public void ProductimageDesc() {

WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));

// Search for product

WebElement search = wait.until(ExpectedConditions.elementToBeClickable(By.id("gh-ac")));

search.clear();

search.sendKeys("Laptop");

driver.findElement(By.id("gh-search-btn")).click();

// Click on first product

WebElement firstProduct = wait.until(

ExpectedConditions.elementToBeClickable(By.cssSelector("ul.srp-results li.s-item a.s-item\_\_link")));

firstProduct.click();

// Switch to new tab

ArrayList<String> tabs = new ArrayList<>(driver.getWindowHandles());

driver.switchTo().window(tabs.get(1));

// Verify image is displayed

WebElement productImage = wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("icImg")));

Assert.assertTrue(productImage.isDisplayed(), "Product image is not displayed!");

// Verify description is displayed

WebElement description = wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("viTabs\_0\_is")));

Assert.assertTrue(description.isDisplayed(), "Product description is not displayed!");

}

@BeforeTest

public void beforeTest() throws InterruptedException {

driver = new ChromeDriver();

driver.get("https://www.ebay.com");

driver.manage().window().maximize();

Thread.sleep(2000);

}

}