

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

3. Create Post condition for every testcase

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
import org.testng.Assert;
import org.testng.annotations.AfterClass;
import org.testng.annotations.BeforeClass;
import org.testng.annotations.Test;
```

```
import java.util.List;

public class EbayTest {

    WebDriver driver;

    Actions actions;

    @BeforeClass

    public void setUp() {

        System.setProperty("webdriver.chrome.driver", "path/to/chromedriver");

        driver = new ChromeDriver();

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

        actions = new Actions(driver);

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

    }

    @Test(priority = 1)

    public void testLogin() {

        driver.findElement(By.linkText("Sign in")).click();

        driver.findElement(By.id("userid")).sendKeys("your_username");

        driver.findElement(By.id("pass")).sendKeys("your_password");

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

        boolean isLoggedIn = driver.findElements(By.id("gh-ug")).size() > 0;

        Assert.assertTrue(isLoggedIn);

    }

    @Test(priority = 2)

    public void testMultipleSearches() {

        String[] searches = {"laptop", "headphones", "smartphone"};

    }

}
```

```

for (String keyword : searches) {
    WebElement searchBox = driver.findElement(By.id("gh-ac"));
    searchBox.clear();
    searchBox.sendKeys(keyword);
    driver.findElement(By.id("gh-btn")).click();
    Assert.assertTrue(driver.getTitle().toLowerCase().contains(keyword.toLowerCase()));
}
}

```

```

@Test(priority = 3)
public void testAddToCart() throws InterruptedException {
    driver.findElement(By.id("gh-ac")).clear();
    driver.findElement(By.id("gh-ac")).sendKeys("wireless mouse");
    driver.findElement(By.id("gh-btn")).click();
    driver.findElement(By.cssSelector("ul.srp-results li.s-item:nth-of-type(1) a.s-item__link")).click();
    driver.findElement(By.id("atcRedesignId_btn")).click();
    Thread.sleep(2000);
    boolean isAdded = driver.findElements(By.id("gh-cart-n")).size() > 0;
    Assert.assertTrue(isAdded);
}

```

```

@Test(priority = 4)
public void testDeleteFromCart() throws InterruptedException {
    driver.findElement(By.id("gh-cart-n")).click();
    Thread.sleep(2000);
    List<WebElement> deleteBtns = driver.findElements(By.cssSelector(".action-link"));
    if (!deleteBtns.isEmpty()) {

```

```

        deleteBtns.get(0).click();
    }

    Thread.sleep(2000);

    boolean cartEmpty = driver.findElements(By.cssSelector(".empty-cart")).size() > 0;

    Assert.assertTrue(cartEmpty || driver.findElements(By.cssSelector(".cart-bucket")).size()
< deleteBtns.size());
}

```

```

@Test(priority = 5)
public void testChangeLoginName() {
    driver.findElement(By.id("gh-ug")).click();

    driver.findElement(By.linkText("Account settings")).click();

    driver.findElement(By.linkText("Personal info")).click();

    WebElement usernameEditBtn =
driver.findElement(By.xpath("//button[contains(.,'Edit')]"));

    usernameEditBtn.click();

    WebElement usernameInput = driver.findElement(By.id("username"));

    usernameInput.clear();

    usernameInput.sendKeys("NewUsername123");

    driver.findElement(By.xpath("//button[contains(.,'Save')]")).click();

    String updatedUsername = driver.findElement(By.id("usernameDisplay")).getText();

    Assert.assertEquals(updatedUsername, "NewUsername123");
}

```

```

@Test(priority = 6)
public void testChangeCurrentAddress() {
    driver.findElement(By.id("gh-ug")).click();

    driver.findElement(By.linkText("Account settings")).click();

    driver.findElement(By.linkText("Addresses")).click();
}

```

```

        WebElement editAddressBtn =
driver.findElement(By.xpath("//button[contains(.,'Edit')]"));

        editAddressBtn.click();

        WebElement addressLine1 = driver.findElement(By.id("addressLine1"));

        addressLine1.clear();

        addressLine1.sendKeys("123 New Street");

        driver.findElement(By.xpath("//button[contains(.,'Save')]")).click();

        WebElement updatedAddress =
driver.findElement(By.xpath("//div[contains(@class,'addressSummary')]"));

        Assert.assertTrue(updatedAddress.getText().contains("123 New Street"));
    }

```

```

@Test(priority = 7)
public void testShopByCategories() {

    driver.findElement(By.linkText("Shop by category")).click();

    WebElement categoryMenu = driver.findElement(By.cssSelector(".hl-cat-
nav__container"));

    Assert.assertTrue(categoryMenu.isDisplayed());

}

```

```

@Test(priority = 8)
public void testRightClickProductDescription() throws InterruptedException {

    driver.findElement(By.id("gh-ac")).clear();

    driver.findElement(By.id("gh-ac")).sendKeys("smartwatch");

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

    WebElement productImage = driver.findElement(By.cssSelector("ul.srp-results li.s-
item:nth-of-type(1) img"));

    actions.contextClick(productImage).perform();
}

```

```
        driver.findElement(By.cssSelector("ul.srp-results li.s-item:nth-of-type(1) a.s-item__link")).click();
```

```
        WebElement productDescription = driver.findElement(By.id("desc_ifr"));
```

```
        Assert.assertTrue(productDescription.isDisplayed());
```

```
    }
```

```
@Test(priority = 9)
```

```
public void testShopByAllCategories() {
```

```
    driver.findElement(By.linkText("Shop by category")).click();
```

```
    List<WebElement> allCategories = driver.findElements(By.cssSelector(".hl-cat-nav__js-tab"));
```

```
    Assert.assertTrue(allCategories.size() > 0);
```

```
}
```

```
@Test(priority = 10)
```

```
public void testChangeLanguage() {
```

```
    driver.findElement(By.id("gh-la")).click();
```

```
    WebElement languageDropdown = driver.findElement(By.id("gh-la"));
```

```
    languageDropdown.click();
```

```
    driver.findElement(By.cssSelector("option[value='en-US']")).click();
```

```
    String langSelected = driver.findElement(By.id("gh-la")).getAttribute("value");
```

```
    Assert.assertEquals(langSelected, "en-US");
```

```
}
```

```
@AfterClass
```

```
public void tearDown() {
```

```
    driver.quit();
```

```
}
```

```
}
```