

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

package TestNG_practice;

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.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;
```

```
public class EbayAutomation {
```

```
    WebDriver driver;
```

```
    @BeforeTest
```

```
    public void setup() {
```

```
        driver = new ChromeDriver();
```

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

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

```
    }
```

```
    // Module 1: Login
```

```
    @Test(priority = 1)
```

```
    public void loginTest() throws
```

```
    InterruptedException {
```

```
        driver.findElement(By.xpath("//*[@id=\"gh\"]/nav
        /div[1]/span[1]/span/a")).click();
```

```
        Thread.sleep(3000);
```

```
        WebElement email =  
driver.findElement(By.id("userid"));  
  
email.sendKeys("monalisamedabayani@gmail.com  
");  
        driver.findElement(By.id("signin-continue-  
btn")).click();  
        Thread.sleep(2000);
```

```
        WebElement password =  
driver.findElement(By.id("pass"));  
        password.sendKeys("Mona@2002");  
        driver.findElement(By.id("sgnBt")).click();  
        Thread.sleep(2000);  
    }
```

```
// Module 2: Multiple Searches  
@Test(priority = 2)  
public void multipleSearchesTest() throws  
InterruptedException {  
    driver = new ChromeDriver();  
    driver.get("https://www.ebay.com/");  
    driver.manage().window().maximize();  
  
    String[] searches = {"Watch", " TV", " Shoes"};
```

```
        for (String search : searches) {
            WebElement searchBox =
driver.findElement(By.id("gh-ac"));
            searchBox.clear();
            searchBox.sendKeys(search);
            searchBox.sendKeys(Keys.ENTER);
            Thread.sleep(1000);
        }
    }
```

```
// Module 3: Add to Cart
@Test(priority = 3)
public void addToCartTest() throws
InterruptedException {
    WebElement searchBox =
driver.findElement(By.id("gh-ac"));
    searchBox.clear();
    searchBox.sendKeys("iPhone 14");
    driver.findElement(By.xpath("//*[@id=\"gh-
search-btn\"] /span")).click();
    Thread.sleep(3000);
```

```
driver.findElement(By.xpath("(//img[@class='s-
item__image-img'])[1]")).click();
```

```
        for (String handle :  
driver.getWindowHandles()) {  
            driver.switchTo().window(handle);  
        }
```

```
        WebElement addToCartBtn =  
driver.findElement(By.xpath("//*[@id=\"atcBtn_bt  
n_1\"]/span/span"));  
        addToCartBtn.click();  
        Thread.sleep(3000);  
    }
```

```
// Module 4: Delete from Cart  
@Test(priority = 4)  
public void deleteFromCartTest() throws  
InterruptedException {  
    WebElement removeCart =  
driver.findElement(By.xpath("//*[@id=\"mainCont  
ent\"]/div[1]/div[6]/ul/li[2]/div[1]/div/div[2]/div[3]  
/div/div/div[1]/div[2]/div/div/div/div[1]/a/span/sp  
an"));  
    removeCart.click();  
  
    WebElement remove =  
driver.findElement(By.cssSelector("button[data-  
test-id='cart-remove-item']"));
```

```
        remove.click();  
        Thread.sleep(2000);  
    }
```

// Module 5: Change Login Name

@Test(priority = 5)

```
public void changeLoginNameTest() throws  
InterruptedException {  
    driver.get("https://www.ebay.com/");
```

```
    driver.findElement(By.xpath("//*[@id=\"gh\"]/nav  
/div[1]/span[1]/div/button/span/span")).click();  
    driver.findElement(By.xpath("//*[@id=\"s0-1-  
4-93[0]-0-9-dialog\"]/div/div/ul/li[2]/a")).click();  
    driver.findElement(By.linkText("Personal  
Information")).click();
```

```
    driver.findElement(By.xpath("//a[text()='Edit']")).cli  
ck();  
    driver.findElement(By.id("userid")).clear();
```

```
    driver.findElement(By.id("userid")).sendKeys("Mon  
a@2002");
```

```
    driver.findElement(By.xpath("//button[text()='Save'  
']")).click();
```

```
        System.out.println("Login name updated");  
        Thread.sleep(2000);  
    }
```

```
// Module 6: Change Current Address  
@Test(priority = 6)  
public void changeCurrentAddressTest() throws  
InterruptedException {  
    driver.get("https://www.ebay.com/");  
    driver.findElement(By.linkText("My  
eBay")).click();  
    Thread.sleep(2000);  
  
    driver.findElement(By.linkText("Addresses")).click();  
    Thread.sleep(2000);  
  
    driver.findElement(By.xpath("//a[text()='Edit'][1]"))  
    .click();  
    Thread.sleep(1000);  
  
    WebElement street =  
    driver.findElement(By.id("address1"));  
    street.clear();  
    street.sendKeys("kaki Street");  
}
```

```
WebElement city =  
driver.findElement(By.id("city"));  
city.clear();  
city.sendKeys("srikakulam");
```

```
WebElement zip =  
driver.findElement(By.id("zip"));  
zip.clear();  
zip.sendKeys("532001");
```

```
driver.findElement(By.id("saveBtn")).click();  
Thread.sleep(2000);  
}
```

```
// Module 7: Shop by Categories
```

```
@Test(priority = 7)
```

```
public void shopByCategoriesTest() {
```

```
    try {
```

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

```
driver.findElement(By.xpath("//*[@id=\"gh\"]/section/div/div/div/button/span")).click();
```

```
driver.findElement(By.linkText("Electronics")).click()  
;
```



```

        System.out.println("Shop by Categories
Test: Executed");
    } catch (Exception e) {
        System.out.println("Shop by Categories Test
Failed: " + e.getMessage());
    }
}

```

```

// Module 8: Product Description Right Click
@Test(priority = 8)
public void productDescriptionTest() throws
InterruptedException {
    driver.findElement(By.id("gh-ac")).clear();
    driver.findElement(By.id("gh-
ac")).sendKeys("Smart Watch");
    driver.findElement(By.id("gh-search-
btn")).click();
    Thread.sleep(3000);

    WebElement productImage =
driver.findElement(By.cssSelector(".s-item__image
img"));
    Actions actions = new Actions(driver);
    actions.contextClick(productImage).perform();
    Thread.sleep(2000);
}

```

```
        productImage.click();
        System.out.println("Product Description Test
Executed");
        Thread.sleep(2000);
    }
```

```
// Module 9: Shop by All Categories
@Test(priority = 9)
public void shopByAllCategoriesTest() {
    try {
        driver.findElement(By.id("gh-cat")).click();
        driver.findElement(By.linkText("See all
categories"))).click();
        System.out.println("Shop by All Categories
Test: Executed");
    } catch (Exception e) {
        System.out.println("Shop by All Categories
Test Failed: " + e.getMessage());
    }
}
```

```
// Module 10: Change Language
@Test(priority = 10)
public void changeLanguageTest() throws
InterruptedException {
```

```
        WebElement country =  
driver.findElement(By.cssSelector("button[class='gf  
flag__button']"));  
        country.sendKeys(Keys.ENTER);  
        Thread.sleep(2000);  
        driver.findElement(By.linkText("Spain")).click();  
        Thread.sleep(2000);  
    }
```

```
    @AfterTest  
    public void tearDown() {  
        driver.quit();  
    }  
}
```

```
package TestNG_practice;
```

```
import org.openqa.selenium.By;  
import org.openqa.selenium.Keys;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.WebElement;  
import org.testng.annotations.Test;
```

```
public class page_class {  
    WebDriver driver;  
  
    By email = By.id("userid");  
    By pass = By.id("pass");  
    By cont = By.id("signin-continue-btn");  
    By submit = By.id("sgnBt");  
    By search = By.id("gh-ac");  
    By search_btn = By.id("gh-btn");  
    By addToCartBtn = By.id("atcRedesignId_btn");  
    By removeFromCartbtn =  
By.cssSelector("button[data-test-id='cart-remove-  
item']");
```

```
public page_class(WebDriver driver) {  
    this.driver = driver;  
}
```

```
@Test(priority = 1)  
public void email_in() {  
    driver.findElement(email).click();  
    driver.findElement(email).clear();
```

```
driver.findElement(email).sendKeys("monalisamed  
abayani@gmail.com");  
}
```

```
@Test(priority = 2)
public void pass_in() {
    driver.findElement(pass).click();

driver.findElement(pass).sendKeys("Mona@2002")
;
}
```

```
@Test(priority = 3)
public void con_in() {
    driver.findElement(cont).click();
}
```

```
@Test(priority = 4)
public void submit_in() {
    driver.findElement(submit).click();
}
```

```
@Test(priority = 5)
public void search_in() throws
InterruptedException {
    driver.findElement(search).click();
    driver.findElement(search).clear();
    driver.findElement(search).sendKeys("watch");
}
```

```
driver.findElement(search).sendKeys(Keys.ENTER);  
    Thread.sleep(3000);  
}
```

```
@Test(priority = 6)  
public void multipleSearches() throws  
InterruptedException {  
    String[] searches = {"Watch", "TV", "Shoes"};  
    for (String item : searches) {  
        driver.findElement(search).clear();  
        driver.findElement(search).sendKeys(item);  
  
driver.findElement(search).sendKeys(Keys.ENTER);  
        Thread.sleep(2000);  
    }  
}
```

```
@Test(priority = 7)  
public void testAddToCart() throws  
InterruptedException {  
    driver.findElement(search).clear();  
    driver.findElement(search).sendKeys("iPhone  
14");  
    driver.findElement(search_btn).click();  
    Thread.sleep(3000);  
}
```

```
        driver.findElement(By.cssSelector("ul.srp-  
results li.s-item a.s-item__link")).click();  
        for (String handle :  
driver.getWindowHandles()) {  
            driver.switchTo().window(handle);  
        }  
        driver.findElement(addToCartBtn).click();  
        Thread.sleep(3000);  
    }
```

```
    @Test(priority = 8)  
    public void removecart() throws  
InterruptedException {  
  
        driver.findElement(removeFromCartbtn).click();  
        Thread.sleep(2000);  
    }
```

```
    @Test(priority = 9)  
    public void changeloginname() throws  
InterruptedException {  
        driver.findElement(By.linkText("My  
eBay")).click();  
        Thread.sleep(2000);  
  
        driver.findElement(By.linkText("Summary")).click();  
    }
```

```

        Thread.sleep(2000);

driver.findElement(By.linkText("Account")).click();
        Thread.sleep(2000);
        driver.findElement(By.linkText("Personal
Information")).click();
        Thread.sleep(3000);

driver.findElement(By.xpath("//a[contains(text(),'E
dit') and contains(@href,'name')]")).click();
        Thread.sleep(2000);
        driver.findElement(By.id("firstname")).clear();

driver.findElement(By.id("firstname")).sendKeys("
Medabayani");
        driver.findElement(By.id("lastname")).clear();

driver.findElement(By.id("lastname")).sendKeys("M
onalisa");
        driver.findElement(By.id("saveBtn")).click();
        Thread.sleep(3000);
    }

```

```

@Test(priority = 10)
    public void languageChange() throws
InterruptedException {

```



```
        WebElement country =  
driver.findElement(By.cssSelector("button[aria-  
label='Select country/region for site']"));  
        country.click();  
        Thread.sleep(2000);  
        driver.findElement(By.linkText("Spain")).click();  
    }  
}
```