

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

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.shop by all categories and check whether this function is working fine or not
9. select a footer link and finally navigate back to home page
10. logout

```
package Testing_package;
```

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

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

```
import java.util.ArrayList;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.JavascriptExecutor;
```

```
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;
```

```
public class Ebay_testcases {  
    WebDriver driver ;
```

```
@BeforeTest
```

```
    public void beforeTest() throws InterruptedException {  
        driver =new ChromeDriver();
```

```

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

        driver.manage().window().maximize();
        Thread.sleep(5000);
    }

```

```

@Test (priority=1)
public void login() throws InterruptedException {
    WebElement
login=driver.findElement(By.xpath("//*[@id=\"gh\"]/nav/div[1]/span[1]/
span/a"));
    login.click();
    Thread.sleep(30000);
    WebElement name=driver.findElement(By.id("userid"));
    name.sendKeys("thotakurisaikiran@gmail.com");
    driver.findElement(By.id("signin-continue-btn")).click();
    Thread.sleep(3000);
    WebElement pass=driver.findElement(By.id("pass"));
    pass.sendKeys("Saikiran@1234");
    driver.findElement(By.id("sgnBt")).click();
    Thread.sleep(8000);

}

```

```

@Test(priority=2)
public void searchmultipleitems() throws InterruptedException {
    driver.get("https://www.ebay.com/");
    WebElement search=driver.findElement(By.id("gh-ac"));

    String[] searches= {"watch","phone","bags","headphones"};
    for(String s:searches) {
        search.sendKeys(s);
        search.sendKeys(Keys.ENTER);
        Thread.sleep(3000);
    }
}

```

```

        search=driver.findElement(By.id("gh-ac"));
        search.clear();
    }
    Thread.sleep(3000);
}

```

```

// @Test(priority=3)
public void changeloginname() throws InterruptedException {

    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("sky12345678");

    driver.findElement(By.id("username_submit_edit_btn")).click();
    Thread.sleep(5000);
    WebElement name=driver.findElement(By.id("userid"));
    name.sendKeys("thotakurisaikiran@gmail.com");
    driver.findElement(By.id("signin-continue-btn")).click();
    Thread.sleep(3000);
    WebElement pass=driver.findElement(By.id("pass"));
    pass.sendKeys("Saikiran@1234");
    driver.findElement(By.id("sgnBt")).click();
    Thread.sleep(4000);
}

```

```

@Test(priority=3)
    public void addtocart() throws InterruptedException {
        driver.findElement(By.id("gh-logo")).click();
        Thread.sleep(3000);
        WebElement ns=driver.findElement(By.id("gh-ac"));
        ns.sendKeys("mobile phones");
        ns.sendKeys(Keys.ENTER);
        Thread.sleep(3000);
        driver.findElement(By.cssSelector("img[alt=\"Samsung Galaxy S10 5G
        Crown Silver 256 GB Verizon Smart Phone\"]")).click();
        Thread.sleep(6000);
        ArrayList<String> tabs = new
        ArrayList<>(driver.getWindowHandles());
        driver.switchTo().window(tabs.get(1));
        JavascriptExecutor js=(JavascriptExecutor)driver;
        js.executeScript("window.scrollTo(0,400)");
        driver.findElement(By.id("atcBtn_btn_1")).click();
        Thread.sleep(7000);
        driver.close();
        driver.switchTo().window(tabs.get(0));
        Thread.sleep(3000);
        js.executeScript("window.scrollTo(0,-400)");
        driver.findElement(By.id("gh-logo")).click();
        //driver.findElement(By.xpath("//*[@id=\"gh-ac-
        wrap\"]/button")).click();
        Thread.sleep(3000);

        driver.findElement(By.cssSelector("span[class=\"ghcart__icon\"]")).click();

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

        driver.findElement(By.id("gh-logo")).click();
        Thread.sleep(3000);
    }

```

```

@Test(priority=4)
public void changeaddress() throws InterruptedException {
    Thread.sleep(3000);
    driver.findElement(By.id("account-settings-link-PI")).click();
    Thread.sleep(3000);

```

```

JavascriptExecutor js=(JavascriptExecutor)driver;
js.executeScript("window.scrollTo(0,400)");

```

```

    driver.findElement(By.id("individual_personal_info_address_edit_
button")).click();
    Thread.sleep(3000);
    js.executeScript("window.scrollTo(0,400)");
    WebElement inp=driver.findElement(By.id("addressLine1"));
    inp.clear();
    inp.sendKeys("Uppal");
    WebElement ct=driver.findElement(By.id("city"));
    ct.clear();
    ct.sendKeys("Hyderabad");

    driver.findElement(By.cssSelector("select>option[value=\"TS\"]"));
    WebElement pc=driver.findElement(By.id("postalCode"));
    pc.clear();
    pc.sendKeys("500039");

    driver.findElement(By.id("address_edit_submit_button")).click();
    Thread.sleep(5000);
}

```

```

@Test(priority=5)
public void shopbycategory() throws InterruptedException{

    driver.findElement(By.cssSelector("button[aria-controls=\"s0-1-4-12-0-
1-dialog\"]")).click();
    Thread.sleep(3000);

```

```

driver.findElement(By.cssSelector("a[_sp=\"m570.l3410\"]")).click();
    Thread.sleep(4000);

driver.findElement(By.xpath("/html/body/div[2]/div[2]/section[2]/section/div/ul/li[3]/span/a")).click();
Thread.sleep(6000);

driver.findElement(By.xpath("/html/body/div[2]/div[2]/section[1]/div/nav/ul/li[1]/a")).click();
Thread.sleep(3000);
}

@Test(priority=6)
public void shopbycategoryall() throws InterruptedException{

driver.findElement(By.cssSelector("select>option[value=\"12576\"]")).click();
    Thread.sleep(3000);
    driver.findElement(By.id("gh-search-btn")).click();
    Thread.sleep(3000);

driver.findElement(By.xpath("/html/body/div[2]/div[2]/section[1]/div/nav/ul/li[1]/a")).click();
    Thread.sleep(3000);

}

@Test(priority=7)
public void footerlink() throws InterruptedException{

driver.findElement(By.cssSelector("a[_exsp=\"m571.l2943\"]")).click();
    Thread.sleep(3000);
    driver.navigate().back();
    Thread.sleep(3000);
}

```

```
        @Test(priority=8)
        public void logout() throws InterruptedException {
            WebElement elementToHover =
driver.findElement(By.cssSelector("span>div[class=\"gh-flyout is-left-
aligned\"]"));
            Actions actions = new Actions(driver);
            actions.moveToElement(elementToHover).build().perform();
            Thread.sleep(5000);

driver.findElement(By.cssSelector("a[_sp=\"m570.l2622\"]")).click();
            Thread.sleep(5000);
        }
    }
```

```
    @AfterTest
    public void afterTest() {
        driver.close();
    }
}
```