

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

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

```
package Testng_package;
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```
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_alltests {
    WebDriver driver;
    //@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(3000);
        WebElement name=driver.findElement(By.id("userid"));
        name.sendKeys("jayavenkatasaijayadeep.k@gmail.com");
        driver.findElement(By.id("signin-continue-btn")).click();
        Thread.sleep(3000);
        WebElement pass=driver.findElement(By.id("pass"));
        pass.sendKeys("suG!i_399AN.PLN");
        driver.findElement(By.id("sgnBt")).click();
        Thread.sleep(4000);
    }
    //@Test(priority=1)
    public void searchmultipleitems() throws InterruptedException {
        driver.get("https://www.ebay.com/");
        WebElement search=driver.findElement(By.id("gh-ac"));

        String[] searches= {"watch","phone","laptop"};
        for(String s:searches) {
            search.sendKeys(s);
            search.sendKeys(Keys.ENTER);
            Thread.sleep(3000);
            if(!s.equals("laptop")) {
                search=driver.findElement(By.id("gh-ac"));
                search.clear();
            }
        }
        Thread.sleep(3000);
    }
    //@Test(priority=2)
    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("VIVOS1PRO MOBILE black color");
    }
}

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    driver.findElement(By.cssSelector("img[alt=\"For Vivo Y21 Y20 Y91C Y50 V17 Y19 S1
Pro V17 Y11 Wallet Leather Shockproof Case\"]")).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=\"gh-cart__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=2)
public void changeloginname() 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("jayadeep");
    driver.findElement(By.id("username_submit_edit_btn")).click();
    Thread.sleep(5000);
    WebElement name=driver.findElement(By.id("userid"));
    name.sendKeys("jayavenkatasaijayadeep.k@gmail.com");
    driver.findElement(By.id("signin-continue-btn")).click();
    Thread.sleep(3000);
    WebElement pass=driver.findElement(By.id("pass"));

```

```

pass.sendKeys("suG!i_399AN.PLN");
driver.findElement(By.id("sgnBt")).click();
Thread.sleep(4000);

}
@Test(priority=2)

public void changeaddress() 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);
    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("HIG-15,Near Nexus Mall");

    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("500085");

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

}

```

```

//@Test(priority=2)
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=\"m570.13410\"]")).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
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);

}

@BeforeTest
public void beforeTest() throws InterruptedException {
    driver =new ChromeDriver();
    driver.get("https://www.ebay.com/");

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

}

@AfterTest

```

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