EBAY TESTING

Parallel testing,crossbrowsertesting,implicit wait

```xml
<suite name="ParallelSuite" parallel="classes" thread-count="3">
<test name="ParallelTestExecution">
<classes>
<class name="Testng_package.Ebay_alltests"/>
<class name="Testng_package.ebay_edge"/>
<class name="Testng_package.ebay_firefox"/>
</classes>
</test>
</suite>
```

```java
package Testng_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_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(10000); 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);
```

```java
} @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","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);
```

```java
} //@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("VIVOS1PRO MOBILE black color");
   Thread.sleep(3000);
   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.scrollBy(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.scrollBy(0,-400)");
```

```java
    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=4) 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.scrollBy(0,400)");


driver.findElement(By.id("individual_personal_info_address_edit_button
")).click();
  Thread.sleep(3000);
  js.executeScript("window.scrollBy(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=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]/secti
on/div/ul/li[3]/span/a")).click();
   Thread.sleep(6000);

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


}

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


driver.findElement(By.cssSelector("select>option[value=\"12576\"]")).c
lick();
   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/n
av/ul/li[1]/a")).click();
   Thread.sleep(3000);


}

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

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




    }

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


}




package Testng_package;

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

import java.time.Duration;
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.edge.EdgeDriver;
import org.openqa.selenium.interactions.Actions;
import org.testng.annotations.AfterTest;


public class ebay_edge{
WebDriver driver;




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

```java
public void login() throws InterruptedException {
 WebElement
login=driver.findElement(By.xpath("//*[@id=\"gh\"]/nav/div[1]/span[1]/span/a"));
 login.click();
 //Thread.sleep(10000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));
 WebElement name=driver.findElement(By.id("userid"));
 name.sendKeys("jayavenkatasaijayadeep.k@gmail.com");
 driver.findElement(By.id("signin-continue-btn")).click();
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));
 WebElement pass=driver.findElement(By.id("pass"));
 pass.sendKeys("suG!i_399AN.PLN");
 driver.findElement(By.id("sgnBt")).click();
 //Thread.sleep(4000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));
}
@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","laptop"};
 for(String s:searches) {
 search.sendKeys(s);
 search.sendKeys(Keys.ENTER);
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(3));
 if(!s.equals("laptop")) {
 search=driver.findElement(By.id("gh-ac"));
 search.clear();
 }
 }
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));


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

 driver.findElement(By.id("gh-logo")).click();
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(3));
 WebElement ns=driver.findElement(By.id("gh-ac"));
```

```java
  ns.sendKeys("VIVOS1PRO MOBILE black color");


 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);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(6));
 ArrayList<String> tabs = new ArrayList<>(driver.getWindowHandles());
 driver.switchTo().window(tabs.get(1));
 JavascriptExecutor js=(JavascriptExecutor)driver;
 js.executeScript("window.scrollBy(0,400)");
 driver.findElement(By.id("atcBtn_btn_1")).click();
 //Thread.sleep(7000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));
 driver.close();
 driver.switchTo().window(tabs.get(0));
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(3));
 js.executeScript("window.scrollBy(0,-400)");
 driver.findElement(By.id("gh-logo")).click();
 //driver.findElement(By.xpath("//*[@id=\"gh-ac-wrap\"]/button")).click();
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(4));
 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);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(3));



 }
//@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);
```

```java
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=4)
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.manage().timeouts().implicitlyWait(Duration.ofSeconds(2));
 driver.get("https://accountsettings.ebay.com/uas");
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(2));
 driver.findElement(By.id("account-settings-link-PI")).click();
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(2));
 JavascriptExecutor js=(JavascriptExecutor)driver;
 js.executeScript("window.scrollBy(0,400)");

 driver.findElement(By.id("individual_personal_info_address_edit_button")).click();
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(2));
 js.executeScript("window.scrollBy(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\"]"));
```

```java
WebElement pc=driver.findElement(By.id("postalCode"));
pc.clear();
pc.sendKeys("500085");



driver.findElement(By.id("address_edit_submit_button")).click();
//Thread.sleep(5000);
driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));




}
@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.manage().timeouts().implicitlyWait(Duration.ofSeconds(3));
driver.findElement(By.cssSelector("a[_sp=\"m570.l3410\"]")).click();
//Thread.sleep(4000);
driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(4));

driver.findElement(By.xpath("/html/body/div[2]/div[2]/section[2]/section/div/ul/li[3]/span/a")).click();
//Thread.sleep(6000);
driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(6));

driver.findElement(By.xpath("/html/body/div[2]/div[2]/section[1]/div/nav/ul/li[1]/a")).click();
//Thread.sleep(3000);
driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(3));
}

@Test(priority=6)

public void shopbycategoryall() throws InterruptedException{

driver.findElement(By.cssSelector("select>option[value=\"12576\"]")).click();
//Thread.sleep(3000);
driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(3));
driver.findElement(By.id("gh-search-btn")).click();
//Thread.sleep(3000);
```

```java
    driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(3));

driver.findElement(By.xpath("/html/body/div[2]/div[2]/section[1]/div/nav/ul/li[1]/a")
).click();
 //Thread.sleep(3000);
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(3));


}

@BeforeTest
public void beforeTest() throws InterruptedException {
 System.setProperty("webdriver.edge.driver", "C:\\Users\\user\\Desktop\\New
folder\\edgedriver_win64\\msedgedriver.exe");
 driver =new EdgeDriver();
 driver.get("https://www.ebay.com/");
 driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));
 driver.manage().window().maximize();
 //Thread.sleep(5000);




}

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

}
```
```java
package Testng_package;
```

```java
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.firefox.FirefoxDriver;
import org.openqa.selenium.interactions.Actions;
import org.testng.annotations.AfterTest;


public class ebay_firefox{
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(10000);
 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 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"));
```

```java
    search.clear();
   }
  }
  Thread.sleep(3000);



 }
// @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("VIVOS1PRO MOBILE black color");

  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.scrollBy(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.scrollBy(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);
```

```java
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=4)
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.scrollBy(0,400)");

 driver.findElement(By.id("individual_personal_info_address_edit_button")).click();
 Thread.sleep(3000);
 js.executeScript("window.scrollBy(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();
```

```java
  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=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);
```

```java
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 FirefoxDriver();


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


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




}

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


}
```

```
===============================================
ParallelSuite
Total tests run: 9, Passes: 9, Failures: 0, Skips: 0
===============================================
```