**AutomateTheWebapp**

**Index.html**

<html>

<body>

<h2>Hello World!</h2>

</body>

</html>

**LoginTest.java**

package PositiveTest;

import java.io.File;

import java.io.IOException;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.io.FileHandler;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class LoginTest {

String driverPath="C:\\\\Users\\\\SARANYA V\\\\eclipse\\\\chromedriver\_win32\\\\chromedriver.exe";

public WebDriver driver;

@Test

public void f() throws IOException, InterruptedException {

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

driver.get("https://www.browserstack.com/users/sign\_in?utm\_source=google&utm\_medium=cpc&utm\_campaign=Search-Brand-India");

driver.findElement(By.id("user\_email\_login")).sendKeys("xxx@gmail.com");

TakesScreenshot ts = (TakesScreenshot) driver;

File rs = ts.getScreenshotAs(OutputType.FILE);

FileHandler.copy(rs,new File("L-email.png"));

driver.findElement(By.id("user\_password")).sendKeys("xxx");

TakesScreenshot r = (TakesScreenshot) driver;

File k = r.getScreenshotAs(OutputType.FILE);

FileHandler.copy(k,new File("L-password.png"));

driver.findElement(By.name("commit")).click();

TakesScreenshot p = (TakesScreenshot) driver;

File f = p.getScreenshotAs(OutputType.FILE);

FileHandler.copy(f,new File("L-signin.png"));

//driver.findElement(By.name("commit")).click();

// driver.findElement(By.id("user\_submit")).click();

}

@BeforeTest

public void beforeTest() {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\SARANYA V\\\\eclipse\\\\chromedriver\_win32\\\\chromedriver.exe");

driver = new ChromeDriver();

}

@AfterTest

public void afterTest() {

System.out.println("After test is running");

}

}

**LoginTest.java**

package NegativeTest;

import java.io.File;

import java.io.IOException;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.io.FileHandler;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

import junit.framework.Assert;

public class LoginTest {

String driverPath="C:\\\\Users\\\\SARANYA V\\\\eclipse\\\\chromedriver\_win32\\\\chromedriver.exe";

public WebDriver driver;

@Test

public void f() throws IOException, InterruptedException {

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

driver.get("https://www.browserstack.com/users/sign\_in?utm\_source=google&utm\_medium=cpc&utm\_campaign=Search-Brand-India");

driver.findElement(By.id("user\_email\_login")).sendKeys("xxx@gmail.com");

TakesScreenshot ts = (TakesScreenshot) driver;

File rs = ts.getScreenshotAs(OutputType.FILE);

FileHandler.copy(rs,new File("IL-email.png"));

driver.findElement(By.id("user\_password")).sendKeys("xxx");

TakesScreenshot r = (TakesScreenshot) driver;

File k = r.getScreenshotAs(OutputType.FILE);

FileHandler.copy(k,new File("IL-password.png"));

Thread.sleep(30);

driver.findElement(By.id("tnc\_checkbox")).click();

driver.findElement(By.name("commit")).click();

Thread.sleep(45);

TakesScreenshot p = (TakesScreenshot) driver;

File f = p.getScreenshotAs(OutputType.FILE);

FileHandler.copy(f,new File("IL-signin.png"));

String actualUrl = "https://live.browserstack.com/dashboard#os=ios&os\_version=15.0&device=iPhone+13+Pro&zoom\_to\_fit=true&full\_screen=true&url=www.browserstack.com%2Fwelcome&speed=1";

String expectedUrl = driver.getCurrentUrl();

Assert.assertEquals(expectedUrl, actualUrl);

}

@BeforeTest

public void beforeTest() {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\SARANYA V\\\\eclipse\\\\chromedriver\_win32\\\\chromedriver.exe");

driver = new ChromeDriver();

}

@AfterTest

public void afterTest() {

System.out.println("After test is running");

}}

**RegistrationTest.java**

package PositiveTest;

import java.io.File;

import java.io.IOException;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.io.FileHandler;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class RegistrationTest {

String driverPath="C:\\Users\\SARANYA V\\eclipse\\chromedriver\_win32\\chromedriver.exe";

public WebDriver driver;

@Test

public void f() throws IOException, InterruptedException {

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

driver.get("https://www.browserstack.com/users/sign\_up");

driver.findElement(By.id("user\_full\_name")).sendKeys("kkk");

TakesScreenshot tsc = (TakesScreenshot) driver;

File rsc = tsc.getScreenshotAs(OutputType.FILE);

FileHandler.copy(rsc,new File("R-user.png"));

driver.findElement(By.id("user\_email\_login")).sendKeys("xxx@gmail.com");

TakesScreenshot ts = (TakesScreenshot) driver;

File rs = ts.getScreenshotAs(OutputType.FILE);

FileHandler.copy(rs,new File("R-email.png"));

driver.findElement(By.id("user\_password")).sendKeys("xxx");

TakesScreenshot r = (TakesScreenshot) driver;

File k = r.getScreenshotAs(OutputType.FILE);

FileHandler.copy(k,new File("R-password.png"));

Thread.sleep(30);

driver.findElement(By.id("tnc\_checkbox")).click();

driver.findElement(By.name("commit")).click();

TakesScreenshot p = (TakesScreenshot) driver;

File f = p.getScreenshotAs(OutputType.FILE);

FileHandler.copy(f,new File("R-signup.png"));

//driver.findElement(By.name("commit")).click();

// driver.findElement(By.id("user\_submit")).click();

}

@BeforeTest

public void beforeTest() {

System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\SARANYA V\\\\eclipse\\\\chromedriver\_win32\\\\chromedriver.exe");

driver = new ChromeDriver();

}

@AfterTest

public void afterTest() {

System.out.println("After test is running");

}

}

**SearchandAddToCartTest.java**

package SearchAndaddtoCart;

import java.io.File;

import java.io.IOException;

import java.time.Duration;

import java.util.ArrayList;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.io.FileHandler;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;

import org.testng.annotations.Test;

public class SearchandAddToCartTest {

WebDriver driver;

public void launchBrowser() throws IOException {

System.setProperty("webdriver.chrome.driver",

"C:\\\\Users\\\\SARANYA V\\\\eclipse\\\\chromedriver\_win32\\\\chromedriver.exe");

driver = new ChromeDriver();

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

//Step-1 :: type cast driver object into takeScreenshot instance

TakesScreenshot tsc = (TakesScreenshot) driver;

//Step-2 :: Generate a screenshot as file

File rsc = tsc.getScreenshotAs(OutputType.FILE);

FileHandler.copy(rsc,new File("ebaypage.png"));

}

public void searchProduct() throws InterruptedException, IOException {

Thread.sleep(2000);

driver.findElement(By.cssSelector("#gh-ac")).sendKeys("JBL Speakers");

Thread.sleep(2000);

//Step-1 :: type cast driver object into takeScreenshot instance

TakesScreenshot tsc = (TakesScreenshot) driver;

//Step-2 :: Generate a screenshot as file

File rsc = tsc.getScreenshotAs(OutputType.FILE);

FileHandler.copy(rsc,new File("productname.png"));

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

Thread.sleep(2000);

TakesScreenshot t = (TakesScreenshot) driver;

//Step-2 :: Generate a screenshot as file

File r = t.getScreenshotAs(OutputType.FILE);

FileHandler.copy(r,new File("productpage.png"));

driver.findElement(By.xpath("//\*[@id=\"srp-river-results\"]/ul/li[2]/div/div[2]/a/div/span")).click();

Thread.sleep(2000);

TakesScreenshot ts = (TakesScreenshot) driver;

//Step-2 :: Generate a screenshot as file

File rs = ts.getScreenshotAs(OutputType.FILE);

FileHandler.copy(rs,new File("productdetail.png"));

System.out.println("The title of the page is :" + driver.getTitle());

}

public void Addtocart() throws InterruptedException, IOException {

driver.get("https://www.ebay.com/itm/225165750502?hash=item346cecb0e6:g:w-8AAOSwrChjJGOd&amdata=enc%3AAQAHAAAAoHWzbJf9hgtGCophdU3sB%2FSI2vAFdAEmVCt%2FAhl58LBETXliPzaYcNTSR5umK4YdJsS3J1mqRt%2FDO2dhvpA%2B%2FuKN1t93sV9Wg68pveu322laDup7gXuIr065F78eCX%2BbGo1OOIYenErKvkx3vdWU75Sr3rkesa3uw%2BAIjsmBIIJIi3veH0ce6AcG3rQd6SHrEl3wCGNifQGnWFE1qm8nbc8%3D%7Ctkp%3ABk9SR86XitPxYA");

driver.findElement(By.xpath("//\*[@id=\"isCartBtn\_btn\"]")).click();

Thread.sleep(2000);

TakesScreenshot tsc = (TakesScreenshot) driver;

//Step-2 :: Generate a screenshot as file

File rsc = tsc.getScreenshotAs(OutputType.FILE);

FileHandler.copy(rsc,new File("addtocart.png"));

}

public void closeBrowser() {

driver.quit();

}

@Test

public void f() throws IOException {

SearchandAddToCartTest obj = new SearchandAddToCartTest();

try {

obj.launchBrowser();

obj.searchProduct();

//obj.Addtocart();

obj.closeBrowser();

} catch (InterruptedException e) {

e.printStackTrace();

}

}

}

InvalidLogin

<?xml version="1.0" encoding="UTF-8"?>

<suite name="Suite" parallel="false">

<test name="Test">

<classes>

<class name="NegativeTest.LoginTest"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

Login

<?xml version="1.0" encoding="UTF-8"?>

<suite name="Suite" parallel="false">

<listeners>

<listener class-name="org.uncommons.reportng.HTMLReporter"/>

<listener class-name="org.uncommons.reportng.JUnitXMLReporter"/>

</listeners>

<test name="Test">

<classes>

<class name="PositiveTest.LoginTest"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

Registertest

<?xml version="1.0" encoding="UTF-8"?>

<suite name="Suite" parallel="false">

<test name="Test">

<classes>

<class name="PositiveTest.RegistrationTest"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

SearchandAddcart

<?xml version="1.0" encoding="UTF-8"?>

<suite name="Suite" parallel="false">

<listeners>

<listener class-name="org.uncommons.reportng.HTMLReporter"/>

<listener class-name="org.uncommons.reportng.JUnitXMLReporter"/>

</listeners>

<test name="Test">

<classes>

<class name="SearchAndaddtoCart.SearchandAddToCartTest"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

Login

<?xml version="1.0" encoding="UTF-8"?>

<suite name="Suite" parallel="false">

<test name="Test">

<classes>

<class name="PositiveTest.LoginTest"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->