





package testPack;

import java.io.File;

import java.io.IOException;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.testng.annotations.DataProvider;

import org.testng.annotations.Test;

import jxl.Cell;

import jxl.Sheet;

import jxl.Workbook;

import jxl.read.biff.BiffException;

public class TestClass

{

@Test(dataProvider="Gdata")

public void GmailLogin(String email,String passwd) throws InterruptedException

{

// Open Driver

WebDriver d=new FirefoxDriver();

// Open Url

Thread.sleep(7000);

d.get("http://www.google.co.in");

// click on sign in button

Thread.sleep(7000);

d.findElement(By.id("gb\_70")).click();

// type the email

Thread.sleep(7000);

d.findElement(By.id("Email")).sendKeys(email);

// click on next

Thread.sleep(7000);

d.findElement(By.id("next")).click();

// type the password

Thread.sleep(7000);

d.findElement(By.id("Passwd")).sendKeys(passwd);

// click on sign in

Thread.sleep(7000);

d.findElement(By.id("signIn")).click();

// click on gmail

Thread.sleep(7000);

d.findElement(By.linkText("Gmail")).click();

// click on sinout image

Thread.sleep(7000);

d.findElement(By.xpath("//div[@id='gb']/div/div/div[2]/div[4]/div/a/span")).click();

// logout

Thread.sleep(7000);

d.findElement(By.id("gb\_71")).click();

// close browser

Thread.sleep(7000);

d.close();

}

@DataProvider(name="Gdata")

public Object[][] GmailTestData() throws BiffException, IOException

{

// File path

File f=new File("D:\\GmailDataDriven.xls");

// Get workbook

Workbook wb=Workbook.getWorkbook(f);

// Get Worksheet

Sheet sh=wb.getSheet(0);

// get user row count

int r=sh.getRows();

int c=sh.getColumns();

System.out.println("No of Rows : "+r);

System.out.println("No of Columns : "+c);

// Store the excel sheet data into string array object

String Edata[][]=new String[r][c];

// Row Loop Count

for(int i=1;i<r;i++)

{

// Column Count

for(int j=0;j<c;j++)

{

Cell cvalue=sh.getCell(j, i);

String value=cvalue.getContents();

// Store the cell value in array object

Edata[i][j]=value;

System.out.print(value+" ");

}

System.out.println(" ");

}

return Edata;

}

}