package sampleDataDriven;

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 GmailTest

{

@Test(dataProvider="GmailData")

public void GmailLogin(String emailid,String password) throws InterruptedException

{

// Create The WebDriver

WebDriver d=new FirefoxDriver();

// Open Google

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

// click on sign in hyper link

Thread.sleep(7000);

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

// enter the email id in textbox

Thread.sleep(7000);

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

// click on next button

Thread.sleep(7000);

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

// enter the password to text box

Thread.sleep(7000);

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

// click on sign in button

Thread.sleep(7000);

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

// click on gmail Link

Thread.sleep(7000);

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

// click on profile picture

Thread.sleep(7000);

d.findElement(By.xpath(".//\*[@id='gb']/div[1]/div[1]/div[2]/div[4]/div[1]/a/span")).click();

// click on sign out button

Thread.sleep(7000);

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

// Close Browser

Thread.sleep(7000);

d.close();

}

@DataProvider(name="GmailData")

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

{

// Take the excel work book path

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

// get the work from path

Workbook wb=Workbook.getWorkbook(f);

// get the sheet

Sheet s=wb.getSheet(0);

// get the rows and column colunm counts

int r=s.getRows();

int c=s.getColumns();

System.out.println("Row count : "+r);

System.out.println("Column Count : "+c);

//We get data from excel sheet store in array variable

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

// write row loop

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

{

// Column Loop

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

{

// get the every row column values from excel sheet;

Cell v=s.getCell(j, i);

data[i][j]=v.getContents();

}

}

// display the data

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

{

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

{

System.out.print(data[i][j]+" ");

}

System.out.println("");

}

return data;

}

}