**Ucomdetails.java:**

***package*** *webpagetest;*

**import** java.io.IOException;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**import** java.util.concurrent.TimeUnit;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.support.ui.Select;

**import** org.testng.Assert;

**import** org.testng.annotations.AfterClass;

**import** org.testng.annotations.BeforeClass;

**import** org.testng.annotations.DataProvider;

**import** org.testng.annotations.Test;

**public** **class** Ucomdetails {

WebDriver driver;

@BeforeClass

**public** **void** setup()

{

System.*setProperty*("webdriver.chrome.driver", "./resources/chromedriver.exe");

driver=**new** ChromeDriver();

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

driver.manage().timeouts().implicitlyWait(10, TimeUnit.***SECONDS***);

}

@AfterClass

**public** **void** teardown()

{

driver.close();

}

@DataProvider(name="getdata")

**public** String[][]getdetails( ) **throws** IOException

{

String path="./datafiles/enterdetails.xlsx";

XLUtidetails details=**new** XLUtidetails(path);

**int** rows=details.getRows("sheet1");

**int** cells=details.getCol("sheet1",1);

String getdata[][]=**new** String[rows][cells];

**for**(**int** i=1;i<=rows;i++)

{

**for**(**int** j=0;j<cells;j++)

{

getdata[i-1][j]=details.getCell("sheet1",i,j);

}

}

**return** getdata;

}

@Test(dataProvider="getdata")

**public** **void** enterdetails(String name,String sdate,String edate,String choose ) **throws** ParseException

{

/////convertion starts

//String sDate1=sdate;

//String eDate1=edate;

Date date1=**new** SimpleDateFormat("yyyy/mm/dd").parse(sdate);

String stdate=**new** SimpleDateFormat("yyyy-MM-dd").format(date1);

Date date2=**new** SimpleDateFormat("yyyy/mm/dd").parse(edate);

String endate=**new** SimpleDateFormat("yyyy-MM-dd").format(date2);

**int** index=Integer.*parseInt*(choose);

/////convertion ends

driver.get("https://computer-database.gatling.io/computers");

driver.findElement(By.*cssSelector*("#add")).click();

driver.findElement(By.*id*("name")).sendKeys(name);

driver.findElement(By.*id*("introduced")).sendKeys(stdate);

driver.findElement(By.*id*("discontinued")).sendKeys(endate);

Select dropdown=**new** Select( driver.findElement(By.*id*("company")));

dropdown.selectByIndex(index);

driver.findElement(By.*xpath*("//body/section[@id='main']/form[1]/div[1]/input[1]")).click();

String text=driver.findElement(By.*xpath*("//body/section[@id='main']/div[1]")).getText();

System.***out***.println(text);

Assert.*assertEquals*(text, "Done ! Computer "+ name +" has been created");

}

}

XLUtidetails.java:

package webpagetest;

import java.io.FileInputStream;

import java.io.IOException;

import org.apache.poi.ss.usermodel.DataFormatter;

import org.apache.poi.xssf.usermodel.\*;

public class XLUtidetails {

FileInputStream fi;

XSSFWorkbook wb;

XSSFSheet sheet;

XSSFRow row;

XSSFCell cell;

String path;

XLUtidetails(String path)

{

this.path=path;

}

public int getRows(String sheetname) throws IOException

{

fi=new FileInputStream(path);

wb= new XSSFWorkbook(fi);

sheet=wb.getSheet(sheetname);

int rownum=sheet.getLastRowNum();

wb.close();

fi.close();

return rownum;

}

public int getCol(String sheetname,int rownum) throws IOException

{

fi=new FileInputStream(path);

wb= new XSSFWorkbook(fi);

sheet=wb.getSheet(sheetname);

int colnum=sheet.getRow(rownum).getLastCellNum();

return colnum;

}

public String getCell(String sheetname,int rownum, int colnum) throws IOException

{

fi=new FileInputStream(path);

wb= new XSSFWorkbook(fi);

sheet=wb.getSheet(sheetname);

row=sheet.getRow(rownum);

cell=row.getCell(colnum);

DataFormatter formatter=new DataFormatter();

String data;

try {

data=formatter.formatCellValue(cell);

}catch(Exception e)

{

data="";

}

return data;

}

}