package tests;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.util.Iterator;

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

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

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

import org.apache.poi.xssf.usermodel.XSSFCell;

import org.apache.poi.xssf.usermodel.XSSFRow;

import org.apache.poi.xssf.usermodel.XSSFSheet;

import org.apache.poi.xssf.usermodel.XSSFWorkbook;

import org.testng.Assert;

import org.testng.annotations.DataProvider;

import org.testng.annotations.Test;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class DDTDemo {

@Test(dataProvider="supplier")

public void loginTest(String email, int password)

{

WebDriverManager.chromedriver().setup();

WebDriver driver=new ChromeDriver();

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

driver.get("https://tutorialsninja.com/demo/");

driver.findElement(By.xpath("//span[text()=\"My Account\"]")).click();

driver.findElement(By.linkText("Login")).click();

driver.findElement(By.id("input-email")).sendKeys(email);

driver.findElement(By.id("input-password")).sendKeys(String.valueOf(password));

driver.findElement(By.xpath("//input[@value='Login']")).click();

Assert.assertTrue(driver.findElement(By.linkText("Edit your account information")).isDisplayed());

driver.quit();

}

@DataProvider(name="supplier")

public Object[][] dataSupplier()

{

String excelFilePath=System.getProperty("user.dir")+"\\src\\test\\resources\\tutorialsninjadata.xlsx";

File excelFile=new File(excelFilePath);

FileInputStream fis = null;

try {

fis=new FileInputStream(excelFile);

} catch (FileNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

XSSFWorkbook workbook = null;

try {

workbook=new XSSFWorkbook(fis);

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

XSSFSheet sheet = workbook.getSheet("login");

//Iterator<Row> rows = sheet.iterator();

int rowsCount=sheet.getPhysicalNumberOfRows();

int colsCount=sheet.getRow(0).getLastCellNum();

Object[][] data=new Object[rowsCount-1][colsCount];

for(int r=0; r<rowsCount-1; r++)

{

XSSFRow row = sheet.getRow(r+1);

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

{

XSSFCell cell = row.getCell(c);

CellType cellType = cell.getCellType();

switch(cellType)

{

case STRING:

data[r][c]=cell.getStringCellValue();

System.out.println(data[r][c]);

break;

case NUMERIC:

data[r][c]=(int)cell.getNumericCellValue();

System.out.println(data[r][c]);

break;

case BOOLEAN:

data[r][c]=cell.getBooleanCellValue();

break;

}

}

}

return data;

}

}