**Login\_OHRM\_DDF**

**package** com.Scenario1;

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

**import** com.aventstack.extentreports.ExtentReports;

**import** com.aventstack.extentreports.ExtentTest;

**import** com.aventstack.extentreports.Status;

**import** com.aventstack.extentreports.markuputils.ExtentColor;

**import** com.aventstack.extentreports.markuputils.MarkupHelper;

**import** com.aventstack.extentreports.reporter.ExtentSparkReporter;

**import** com.aventstack.extentreports.reporter.configuration.Theme;

**import** java.io.File;

**import** java.io.FileInputStream;

**import** java.io.IOException;

**import** java.time.Duration;

**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.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.edge.EdgeDriver;

**import** org.openqa.selenium.io.FileHandler;

**import** org.testng.Assert;

**import** org.testng.annotations.AfterMethod;

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

**import** org.testng.annotations.BeforeTest;

**import** org.testng.annotations.AfterTest;

**public** **class** Login\_OHRM\_DDF {

WebDriver driver;

String fpath = "ExcelFiles\\LoginData.xlsx";

File file;

File ss;

FileInputStream fis;

XSSFWorkbook wb;

XSSFSheet sheet;

XSSFRow row;

XSSFCell cell;

**int** i = 1;

ExtentSparkReporter htmlreport;

ExtentReports report;

ExtentTest test;

String extentreportpath = "Reports\\OHRM\_Login\_Report.html";

@Test(dataProvider = "getLoginDetails")

**public** **void** loginToOHRM(String un, String ps) {

driver.findElement(By.*name*("username")).sendKeys(un);

driver.findElement(By.*name*("password")).sendKeys(ps);

driver.findElement(By.*xpath*("//button[@type=\"submit\"]")).submit();

Assert.*assertTrue*(driver.getCurrentUrl().contains("dash"));

}

@AfterMethod

**public** **void** afterMethod() **throws** IOException, InterruptedException {

Thread.*sleep*(5000);

**if**(driver.getCurrentUrl().contains("dash"))

{

ss = ((TakesScreenshot)driver).getScreenshotAs(OutputType.***FILE***);

FileHandler.*copy*(ss, **new** File("Screenshot\\LoginSuccess" + i + ".jpeg"));

driver.findElement(By.*xpath*("//i[@class='oxd-icon bi-caret-down-fill oxd-userdropdown-icon']")).click();

driver.findElement(By.*linkText*("Logout")).click();

test = report.createTest("OHRM Valid Login");

test.log(Status.***PASS***, MarkupHelper.*createLabel*("OHRM Login:Pass", ExtentColor.***GREEN***));

}

**else**

{

ss = ((TakesScreenshot)driver).getScreenshotAs(OutputType.***FILE***);

FileHandler.*copy*(ss, **new** File("Screenshot\\LoginFail" + i + ".jpeg"));

System.***out***.println("Test case fail");

test = report.createTest("OHRM Invalid Login");

test.log(Status.***FAIL***, MarkupHelper.*createLabel*("OHRM Login:Fail", ExtentColor.***RED***));

}

i++;

}

@DataProvider

**public** Object[][] getLoginDetails() {

**int** totalrows = sheet.getPhysicalNumberOfRows();

String[][] logindata = **new** String[totalrows - 1][2];

**for** (**int** i = 0; i < totalrows - 1; i++) {

row = sheet.getRow(i + 1);

**for** (**int** j = 0; j < 2; j++) {

cell = row.getCell(j);

logindata[i][j] = cell.getStringCellValue();

}

}

**return** logindata;

}

@BeforeTest

**public** **void** beforeTest() **throws** IOException {

file = **new** File(fpath);

fis = **new** FileInputStream(file);

wb = **new** XSSFWorkbook(fis);

sheet = wb.getSheetAt(0);

driver = **new** EdgeDriver();

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

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(10));

driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

htmlreport = **new** ExtentSparkReporter(extentreportpath);

report = **new** ExtentReports();

report.attachReporter(htmlreport);

//setting environment for Extent report

report.setSystemInfo("Machine name:", "LenoVoS");

report.setSystemInfo("Tester name:", "Rajalakshmi");

report.setSystemInfo("OS", "Windows 11");

report.setSystemInfo("Browser", "Google Chrome");

//Configuration of the report

htmlreport.config().setDocumentTitle("OHRM\_Login\_Report");

htmlreport.config().setReportName("OHRM\_Login\_Details");

htmlreport.config().setTheme(Theme.***STANDARD***);

htmlreport.config().setTimeStampFormat("EEEE MM dd, yyyy HH:mm:ss");

}

@AfterTest

**public** **void** afterTest() **throws** IOException {

wb.close();

fis.close();

report.flush();

driver.close();

}

}

**Pom.xml**

**<project xmlns="http://maven.apache.org/POM/4.0.0"**

**xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"**

**xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">**

**<modelVersion>4.0.0</modelVersion>**

**<groupId>CapstoneProject</groupId>**

**<artifactId>CapstoneProject</artifactId>**

**<version>0.0.1-SNAPSHOT</version>**

**<dependencies>**

**<!--**

**https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->**

**<dependency>**

**<groupId>org.seleniumhq.selenium</groupId>**

**<artifactId>selenium-java</artifactId>**

**<version>4.34.0</version>**

**</dependency>**

**<!-- https://mvnrepository.com/artifact/org.testng/testng -->**

**<dependency>**

**<groupId>org.testng</groupId>**

**<artifactId>testng</artifactId>**

**<version>7.11.0</version>**

**<scope>test</scope>**

**</dependency>**

**<!-- https://mvnrepository.com/artifact/org.apache.poi/poi -->**

**<dependency>**

**<groupId>org.apache.poi</groupId>**

**<artifactId>poi</artifactId>**

**<version>5.4.1</version>**

**</dependency>**

**<!-- https://mvnrepository.com/artifact/org.apache.poi/poi-ooxml -->**

**<dependency>**

**<groupId>org.apache.poi</groupId>**

**<artifactId>poi-ooxml</artifactId>**

**<version>5.4.1</version>**

**</dependency>**

**<!-- https://mvnrepository.com/artifact/com.aventstack/extentreports -->**

**<dependency>**

**<groupId>com.aventstack</groupId>**

**<artifactId>extentreports</artifactId>**

**<version>5.1.2</version>**

**</dependency>**

**</dependencies>**

**</project>**

**package utility;**

**import java.io.File;**

**import java.io.IOException;**

**import org.openqa.selenium.OutputType;**

**import org.openqa.selenium.TakesScreenshot;**

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

**import org.openqa.selenium.io.FileHandler;**

**public class Utility {**

**public static void getScreenshot(WebDriver driver) {**

**TakesScreenshot ts = (TakesScreenshot) driver;**

**File src = ts.getScreenshotAs(OutputType.FILE);**

**File dest = new File("./Screenshots.png");**

**try {**

**FileHandler.copy(src, dest);**

**} catch (IOException e) {**

**// TODO Auto-generated catch block**

**e.printStackTrace();**

**}**

**}**

**}**