package ppi\_test\_cases;

import java.io.File;

import java.io.FileInputStream;

import java.io.IOException;

import java.io.PrintWriter;

import java.io.StringWriter;

import java.net.MalformedURLException;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import java.util.Date;

import java.util.HashMap;

import java.util.Iterator;

import java.util.Map;

import java.util.concurrent.TimeUnit;

import org.apache.commons.io.FileUtils;

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

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

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

import org.json.simple.JSONObject;

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.testng.Assert;

import org.testng.ITestContext;

import org.testng.ITestResult;

import org.testng.annotations.AfterMethod;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.DataProvider;

import org.testng.annotations.Parameters;

import org.testng.annotations.Test;

import com.gurock.testrail.APIClient;

import com.gurock.testrail.APIException;

import Utility.ReportListener;

public class PPI\_LogIn {

private WebDriver driver;

private String results = "";

private String runId = "";

private String caseId = "2095";

private boolean saveScreenshots = true;

@BeforeTest

@Parameters({ "run-id-param", "save-screenshots","Webdriver" })

public void setUp(String \_runId, String \_saveScreenshots, String Webdriver) {

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

System.setProperty("webdriver.chrome.driver", Webdriver);

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("Launching Chrome browser PPI Log In ");

driver = new ChromeDriver();

driver.manage().timeouts().implicitlyWait(8, TimeUnit.SECONDS);

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

runId = \_runId;

if (\_saveScreenshots.compareTo("true") == 0)

saveScreenshots = true;

}

@DataProvider(name = "PPI\_Login")

public Object[][] provideTestParam(ITestContext context) {

String ExcelLocation = context.getCurrentXmlTest().getParameter("ExcelLocation");

Object[][] retObjArr = {{ ExcelLocation }};

//System.out.println(ExcelLocation);

try

{

File path = new File("");

FileInputStream file = new FileInputStream(new File(path.getAbsolutePath() + "/Excel/PPI/"+ExcelLocation+"/PPI\_Authentication.xlsx"));

XSSFWorkbook workbook = new XSSFWorkbook(file);

XSSFSheet sheet = workbook.getSheetAt(0);

Iterator<Row> rowIterator = sheet.iterator();

retObjArr = new Object[sheet.getPhysicalNumberOfRows() - 1][3];

for(int rownum = 0; rownum < sheet.getPhysicalNumberOfRows() - 1; rownum++){

Row row = sheet.getRow(rownum + 1);

retObjArr[rownum][0] = row.getCell(0).getStringCellValue();

retObjArr[rownum][1] = row.getCell(1).getStringCellValue();

retObjArr[rownum][2] = row.getCell(2).getStringCellValue();

}

file.close();

}

catch (Exception e)

{

e.printStackTrace();

}

return(retObjArr);

}

@Test(priority=1, dataProvider = "PPI\_Login")

public void RunTestTicketDash(String sUsername,String sPassword,String AppURL) throws InterruptedException, IOException{

SignIn(sUsername, sPassword, AppURL);

}

public void SignIn(String sUsername, String sPassword, String AppURL) {

System.out.println("Signing In the PPI Web");

driver.navigate().to(AppURL);

String strPageTitle = driver.getTitle();

System.out.println("Page title: - "+strPageTitle);

driver.findElement(By.name("username")).sendKeys(sUsername);

driver.findElement(By.name("password")).sendKeys(sPassword);

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

String strPageURL = driver.getCurrentUrl();

System.out.println("Page title: - "+strPageURL);

results = "";

results += "Actual: " + strPageURL + "\n";

results += "Expected: " + ""+ AppURL + "\n";

results += "Method: " + new Object(){}.getClass().getEnclosingMethod().getName();

Assert.assertTrue(strPageURL.equalsIgnoreCase(""+ AppURL ), "Page title doesn't match");

System.out.println(" Login Successfully");

}

@AfterTest

public void tearDown(){

driver.quit();

}

}