package coverFoxPOMBaseTestUtility;

import java.io.IOException;

import org.testng.ITestListener;

import org.testng.ITestResult;

import org.testng.Reporter;

public class Listener extends Base implements ITestListener{

@Override

public void onTestSuccess(ITestResult result) {

Reporter.log("Test "+result.getName()+" is success", true);

}

@Override

public void onTestFailure(ITestResult result) {

Reporter.log("Test "+result.getName()+" is failed", true);

try {

Utility.takeScreenshot(driver, result.getName()+"\_failed");

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

=================================================================

package coverFoxPOMBaseTestUtility;

import java.io.IOException;

import java.time.Duration;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.testng.Reporter;

public class Base

{

static WebDriver driver;

public void openBrowser() throws IOException

{

ChromeOptions opt= new ChromeOptions();

opt.addArguments("");

driver= new ChromeDriver(opt);

driver.get(Utility.readDataFromPropertiesFile("url"));

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

driver.manage().timeouts().implicitlyWait(Duration.ofMillis(2000));

Reporter.log("launching Browser", true);

}

public void closeBrowserWindow()

{

Reporter.log("closing Browser", true);

driver.quit();

}

}

===================================================

package coverFoxPOMBaseTestUtility;

import java.io.File;

import java.io.FileInputStream;

import java.io.IOException;

import java.util.Properties;

import org.apache.poi.EncryptedDocumentException;

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

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

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.io.FileHandler;

import org.testng.Reporter;

public class Utility {

//readData from excel

public static String readDataFromExcel(String sheetName, int row, int cell) throws EncryptedDocumentException, IOException

{

FileInputStream myFile = new FileInputStream( System.getProperty("user.dir")+"\\TestData\\23rd Nov Morning2024.xlsx");

Sheet mySheet = WorkbookFactory.create(myFile).getSheet(sheetName);

String data = mySheet.getRow(row).getCell(cell).getStringCellValue();

Reporter.log("reading data from excel", true);

return data;

}

//screenshot

public static void takeScreenshot(WebDriver driver, String screenShotName) throws IOException

{

File src = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);

File dest= new File("D:\\new eclipse\\Nov23Morning24\_Selenium\\screenshot\\"+screenShotName+".png");

FileHandler.copy(src, dest);

Reporter.log("taking screenshot, svaed at "+dest, true);

}

//scroll into view

public static void scroolIntoView(WebDriver driver, WebElement element)

{

JavascriptExecutor js = (JavascriptExecutor)driver;

js.executeScript("arguments[0].scrollIntoView(true)", element);

Reporter.log("scrolling into view", true);

}

public static String readDataFromPropertiesFile(String key) throws IOException

{

Properties prop= new Properties();

FileInputStream myFile= new FileInputStream(System.getProperty("user.dir")+"\\coverFox.properties");

prop.load(myFile);

String value = prop.getProperty(key);

Reporter.log("reading "+key+ " from properties file", true);

return value;

}

}

===========================================

package coverFoxPOMBaseTestUtility;

import java.io.File;

import java.io.FileInputStream;

import java.io.IOException;

import java.time.Duration;

import org.apache.poi.EncryptedDocumentException;

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

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

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.io.FileHandler;

import org.testng.Assert;

import org.testng.Reporter;

import org.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Listeners;

import org.testng.annotations.Test;

import coverFoxPOMBaseTestUtility.Utility;

import net.bytebuddy.utility.RandomString;

@Listeners(coverFoxPOMBaseTestUtility.Listener.class)

public class CoverFoxTestUsingTestNG extends Base{

CoverFoxHomePage coverFoxHomePage;

CoverFoxMemberDetailsPage coverFoxMemberDetailsPage;

CoverFoxAddressDetailsPage coverFoxAddressDetailsPage;

CoverFoxHealthPlanPage coverFoxHealthPlanPage;

CoverFoxResultPage coverFoxResultPage;

@BeforeClass

public void launchBrowser() throws EncryptedDocumentException, IOException

{

openBrowser();

coverFoxHomePage= new CoverFoxHomePage(driver);

coverFoxAddressDetailsPage= new CoverFoxAddressDetailsPage(driver);

coverFoxMemberDetailsPage= new CoverFoxMemberDetailsPage(driver);

coverFoxHealthPlanPage= new CoverFoxHealthPlanPage(driver);

coverFoxResultPage= new CoverFoxResultPage(driver);

}

@BeforeMethod

public void coverFoxPreconditions() throws InterruptedException, EncryptedDocumentException, IOException

{

coverFoxHomePage.clickOnGender();

coverFoxHealthPlanPage.clickOnNextButtonHealthPlanPage();

coverFoxMemberDetailsPage.handleAgeDropDown(Utility.readDataFromExcel("Sheet7", 1, 0));

coverFoxMemberDetailsPage.clickOnNextButtonOfMemberDetailsPage();

coverFoxAddressDetailsPage.enterPinCode(Utility.readDataFromExcel("Sheet7", 1, 1));

coverFoxAddressDetailsPage.enterMobileNumber(Utility.readDataFromExcel("Sheet7", 1, 2));

coverFoxAddressDetailsPage.clickOnContinueButton();

Thread.sleep(4000);

}

@Test

public void validateCoverFoxPlans() throws IOException {

Assert.fail();

int planNumberFromText = coverFoxResultPage.getPlanNumberFromText();

int planNumberFromCards = coverFoxResultPage.getPlanNumberFromPlanCards();

Assert.assertEquals(planNumberFromText, planNumberFromCards,"Test case failed, number are not matching");

Reporter.log("Plan number are matching TC is passed", true);

}

@AfterClass

public void closeBrowser() throws InterruptedException

{

closeBrowserWindow();

}

}

=======================

POM classes are as per previous classes, no change in POM