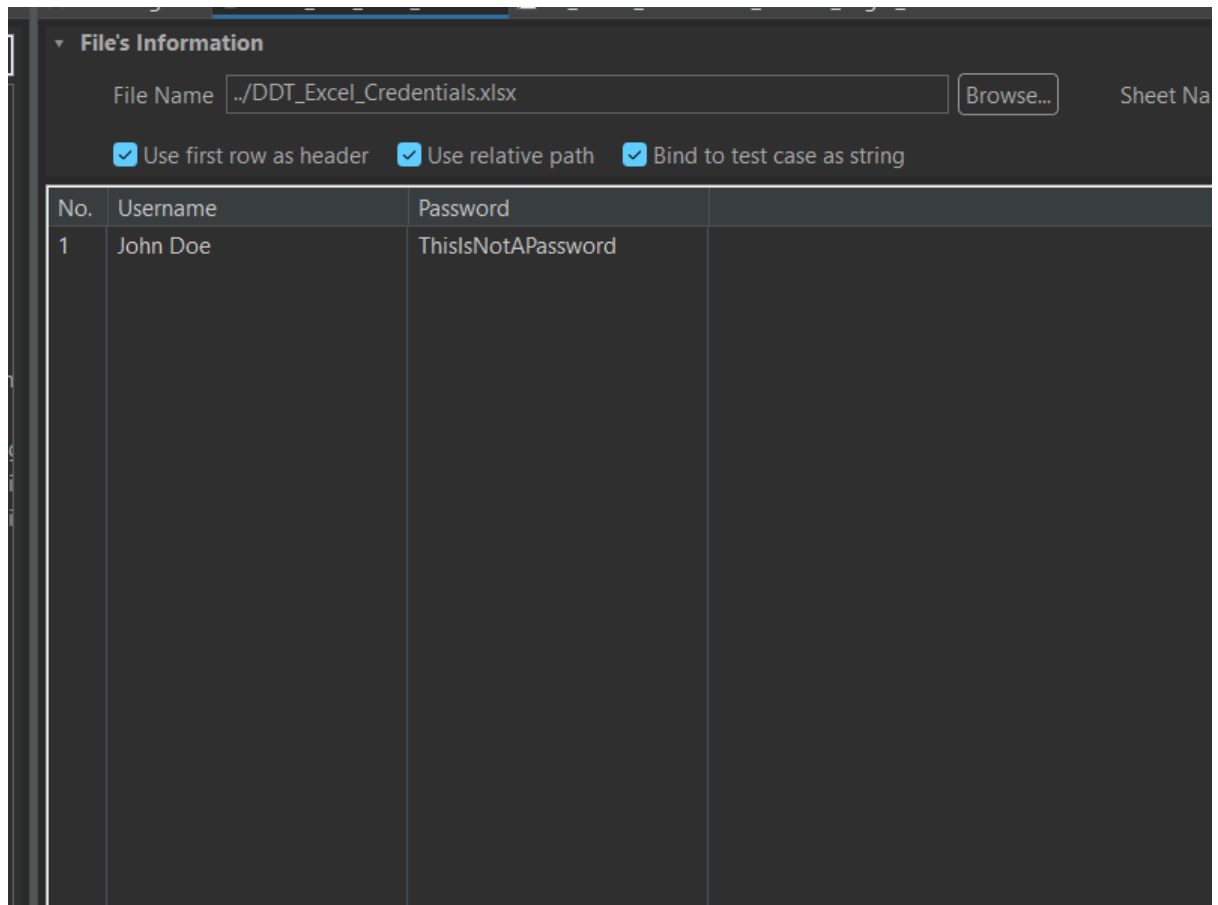# Data Driven Testing for CURA Healthcare Service

- I have performed data-driven testing in two scenarios. One involves using an excel file and the other involves using Internal Data.

1. **Using Excel file:**

- In the excel file scenario I used data from the above excel file as input credentials in my login test case.

Item	Object	Input	Output
⇥✕ 1 - Open Browser		""	
⇥✕ 2 - Navigate To Url		"https://katalon-demo-cura.h‹	
⇥✕ 3 - Maximize Window			
⇥✕ 4 - Click	a_Make Appointment		
⇥✕ 5 - Set Text	input_username	CURA_Test_Data_Excel(1, 1)	
⇥✕ 6 - Set Text	input_password	CURA_Test_Data_Excel(2, 1)	
⇥✕ 7 - Click	button_Login		
⇥✕ 8 - Verify Element Prese	h2_Make Appointment	0	
⇥✕ 9 - Close Browser			

Script:

import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint

import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase

import static com.kms.katalon.core.testdata.TestDataFactory.findTestData

import static
com.kms.katalon.core.testobject.ObjectRepository.findTestObject

import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint

import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords
as CucumberKW

import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as
Mobile

import com.kms.katalon.core.model.FailureHandling as FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

```
import com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywords as
TestNGKW

import com.kms.katalon.core.testobject.TestObject as TestObject

import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as
WS

import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as
WebUI

import com.kms.katalon.core.windows.keyword.WindowsBuiltinKeywords
as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys


WebUI.openBrowser('')


WebUI.navigateToUrl('https://katalon-demo-cura.herokuapp.com/')


WebUI.maximizeWindow()


WebUI.click(findTestObject('Object
Repository/CURA_Healthcare_Login_OR/Page_CURA Healthcare
Service/a_Make Appointment'))


WebUI.setText(findTestObject('Object
Repository/CURA_Healthcare_Login_OR/Page_CURA Healthcare
Service/input_username'),
    findTestData('DDT_CURA_Excel/CURA_Test_Data_Excel').getValue(1, 1))
```
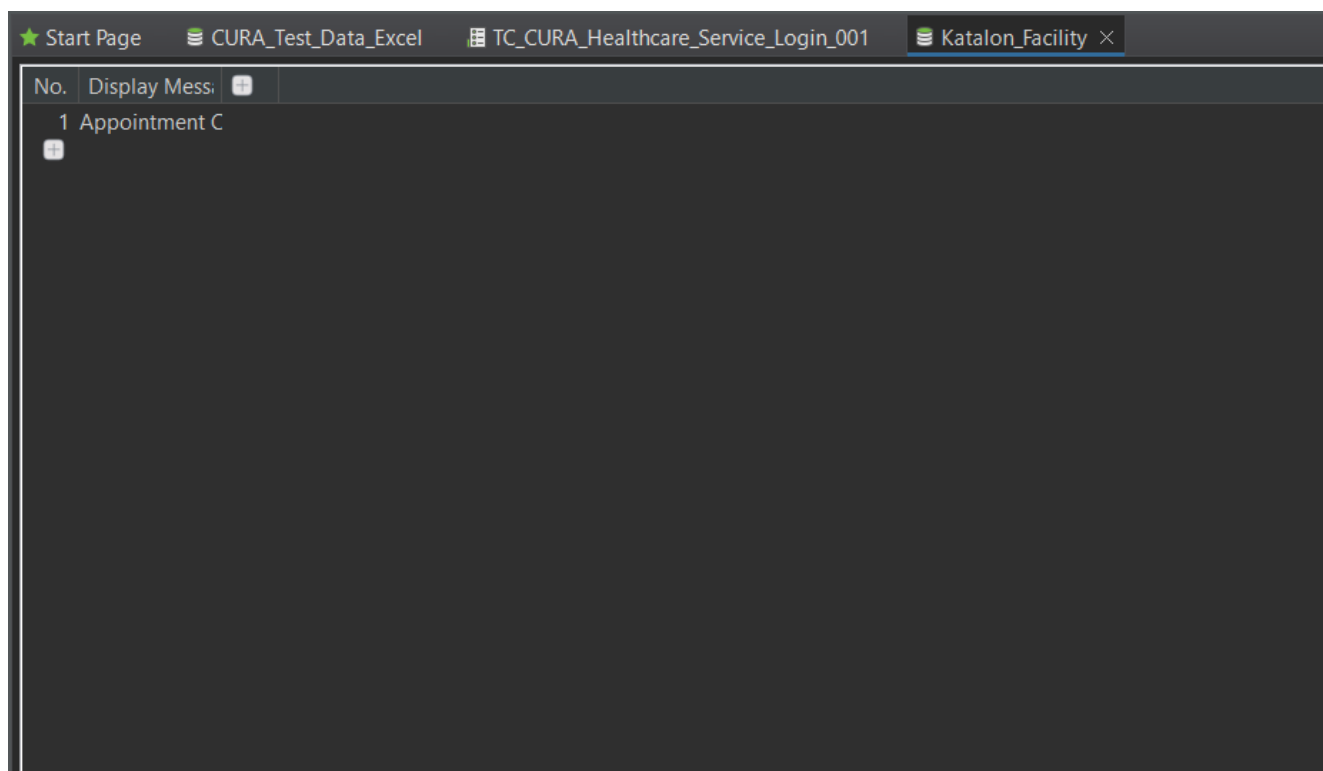
```
WebUI.setText(findTestObject('Object
Repository/CURA_Healthcare_Login_OR/Page_CURA Healthcare
Service/input_password'),

    findTestData('DDT_CURA_Excel/CURA_Test_Data_Excel').getValue(2, 1))


WebUI.click(findTestObject('Object
Repository/CURA_Healthcare_Login_OR/Page_CURA Healthcare
Service/button_Login'))


WebUI.verifyElementPresent(findTestObject('CURA_Healthcare_Login_OR/P
age_CURA Healthcare Service/h2_Make Appointment'),

    0)


WebUI.closeBrowser()
```
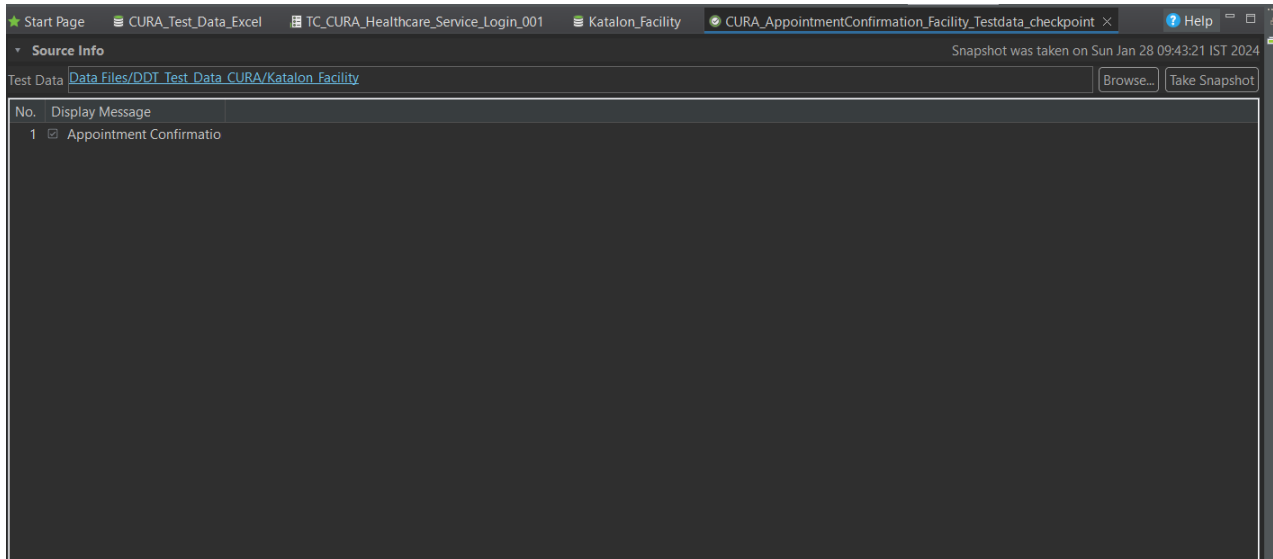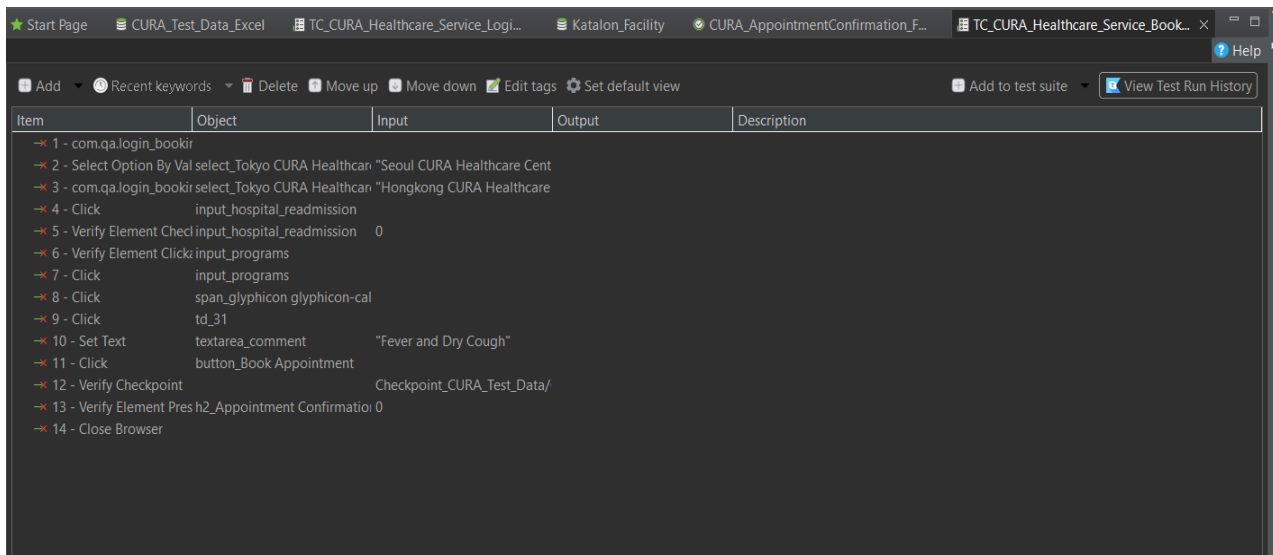
2. Using Internal Data:

- In the internal data file, I create a column for Display message and stored the input "Appointment Confirmation" in it.
- I used it as a checkpoint to verify the presence of the message after the booking procedure is completed to confirm successful appointment booking.

- I used the data from the internal data file as input for checkpoint verification purpose.

Script:

import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint

```
import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static
com.kms.katalon.core.testdata.TestDataFactory.findTestData
import static
com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import
com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as
CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as
Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.core.testdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywords as
TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as
WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as
WebUI
import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKeywords as
Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

CustomKeywords.'com.qa.login_booking.customFunctions.login'()

WebUI.selectOptionByValue(findTestObject('Object
Repository/CURA_Healthcare_Book Appointment_OR/Page_CURA
Healthcare Service/select_Tokyo CURA Healthcare Center       _5b4107'),
    'Seoul CURA Healthcare Center', true)
```

```
CustomKeywords.'com.qa.login_booking.customFunctions.verifyDropDo
wnOptionExists'(findTestObject('CURA_Healthcare_Book
Appointment_OR/Page_CURA Healthcare Service/select_Tokyo CURA
Healthcare Center        _5b4107'),
    'Hongkong CURA Healthcare Center')

WebUI.click(findTestObject('Object Repository/CURA_Healthcare_Book
Appointment_OR/Page_CURA Healthcare
Service/input_hospital_readmission'))

WebUI.verifyElementChecked(findTestObject('Object
Repository/CURA_Healthcare_Book Appointment_OR/Page_CURA
Healthcare Service/input_hospital_readmission'),
    0)

WebUI.verifyElementClickable(findTestObject('Object
Repository/CURA_Healthcare_Book Appointment_OR/Page_CURA
Healthcare Service/input_programs'))

WebUI.click(findTestObject('Object Repository/CURA_Healthcare_Book
Appointment_OR/Page_CURA Healthcare Service/input_programs'))

WebUI.click(findTestObject('Object Repository/CURA_Healthcare_Book
Appointment_OR/Page_CURA Healthcare Service/span_glyphicon
glyphicon-calendar'))

WebUI.click(findTestObject('Object Repository/CURA_Healthcare_Book
Appointment_OR/Page_CURA Healthcare Service/td_31'))

WebUI.setText(findTestObject('Object
Repository/CURA_Healthcare_Book Appointment_OR/Page_CURA
Healthcare Service/textarea_comment'),
    'Fever and Dry Cough')

WebUI.click(findTestObject('Object Repository/CURA_Healthcare_Book
Appointment_OR/Page_CURA Healthcare Service/button_Book
Appointment'))
```

WebUI.verifyCheckpoint(findCheckpoint('Checkpoints/Checkpoint_CURA
_Test_Data/CURA_AppointmentConfirmation_Facility_Testdata_checkpo
int'),
    false)

WebUI.verifyElementPresent(findTestObject('Object
Repository/CURA_Healthcare_Book Appointment_OR/Page_CURA
Healthcare Service/h2_Appointment Confirmation'),
    0)

WebUI.closeBrowser()

Checkpoint output: