Katalon Studio For Automated Testing

Sesi 4

Create & Run Test Suites

TEST SUITE is a collection of Test Cases

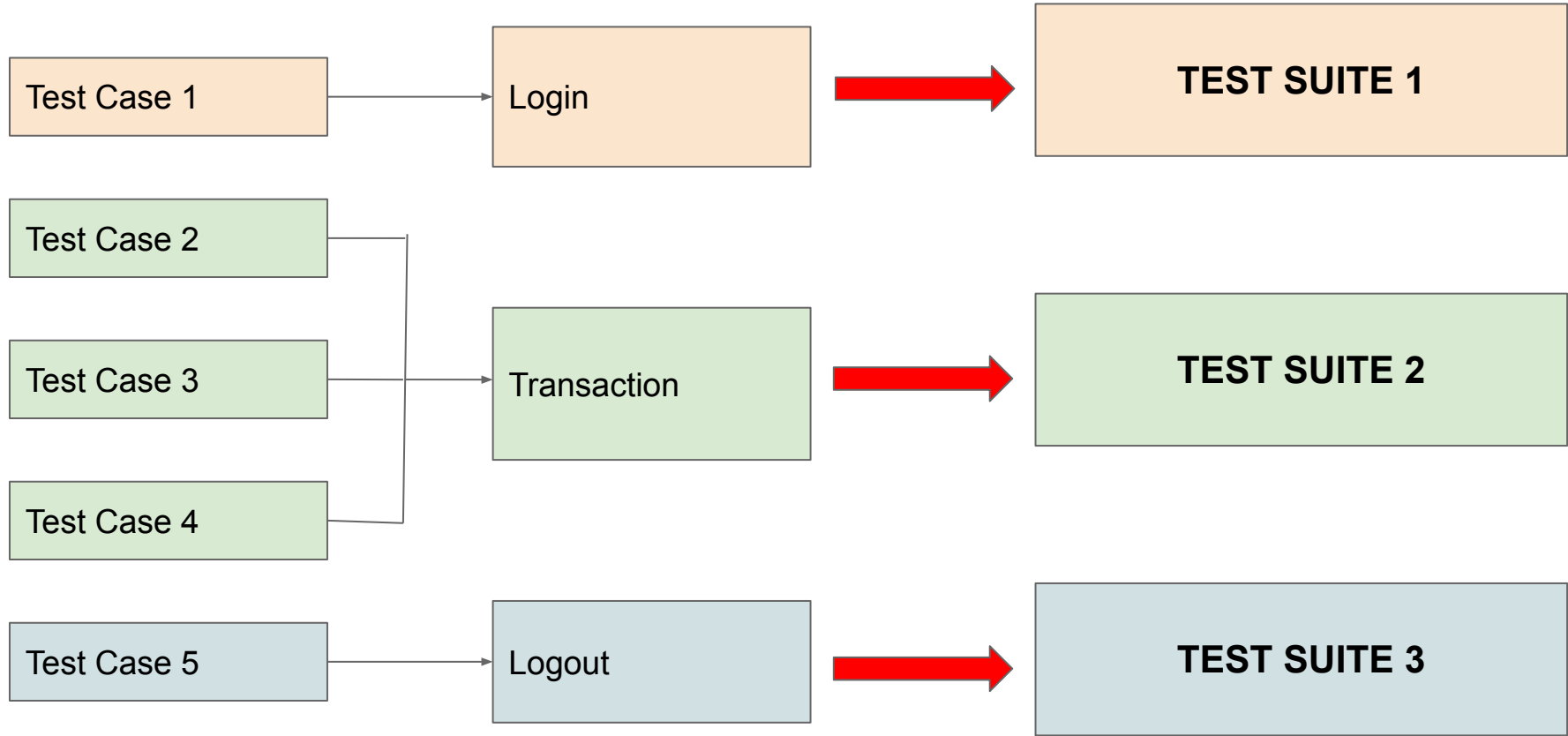Logical Collection of Test Cases
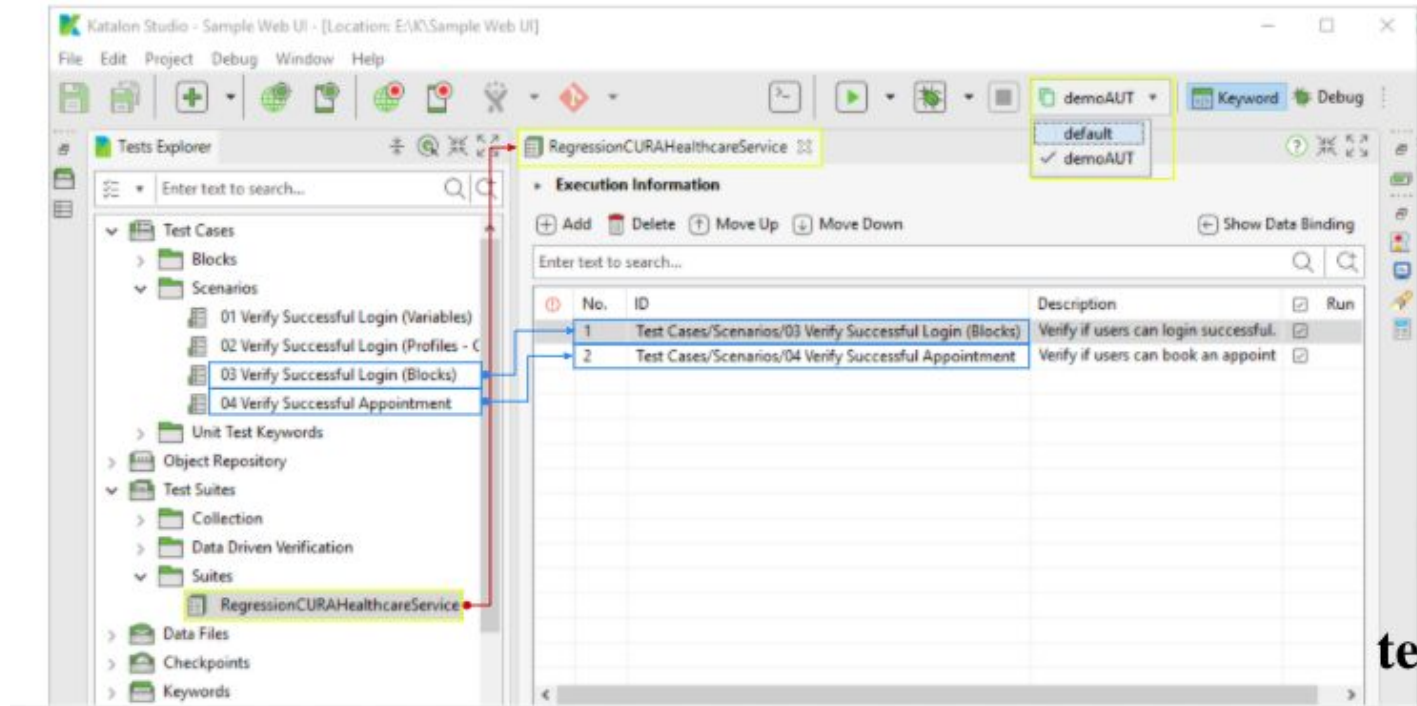
Test Cases are grouped into categories

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Example of Test Suites

| Test Case 1 | → | Login | ⟹ | **TEST SUITE 1** |

Test Case 2				
Test Case 3	→	Transaction	⟹	**TEST SUITE 2**
Test Case 4				

| Test Case 5 | → | Logout | ⟹ | **TEST SUITE 3** |

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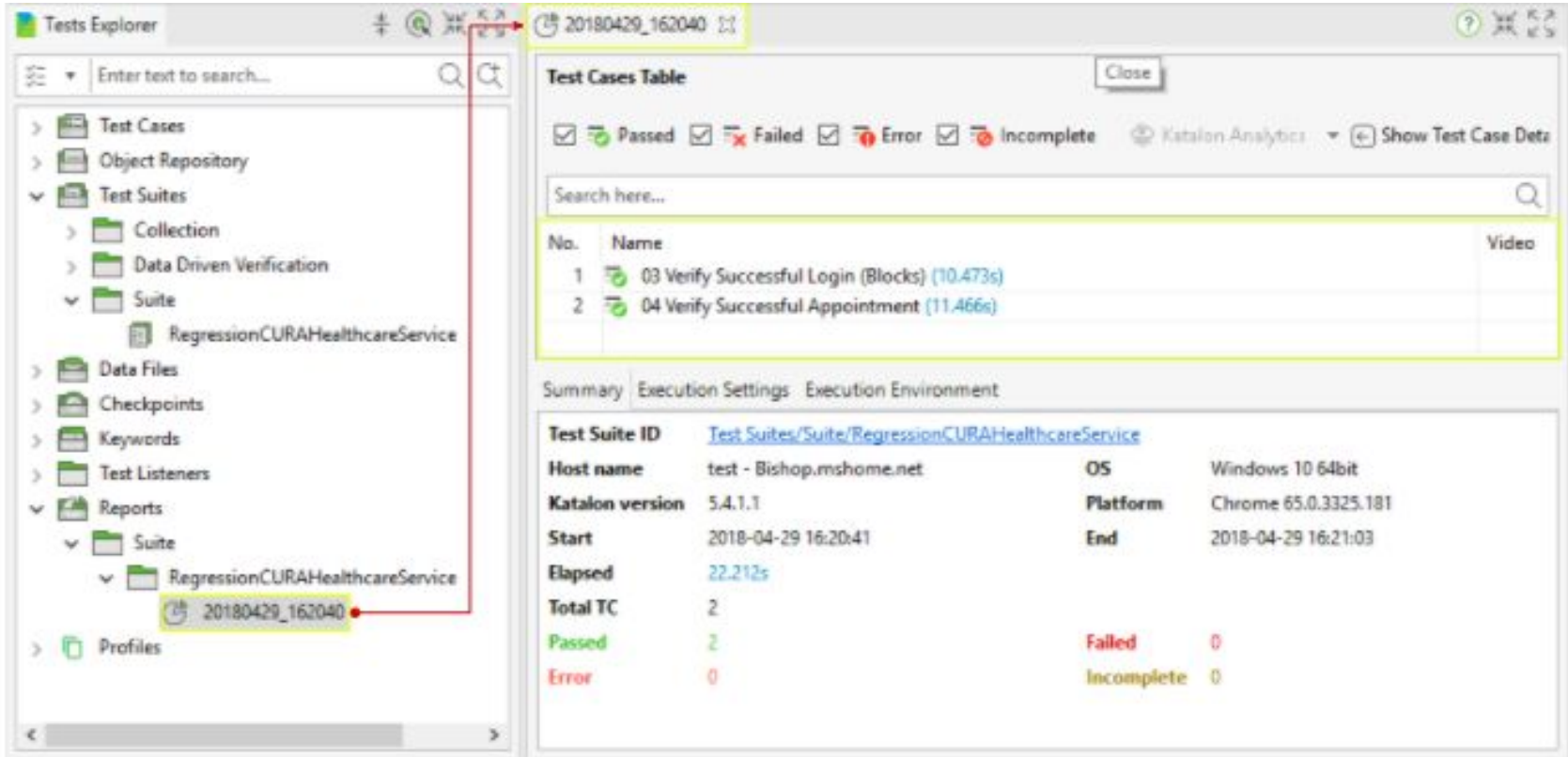
Create & Run Test Suites - Sesi 4
Suites

Suites Reports

Call Blocks

One can structure scripts in folders as required.

Blocks – scripts that can not be independently executed.

Scenarios – scripts that are made up of reusable blocks and are designed to be executed.

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Run Test Case with External Data Sources (Excel)
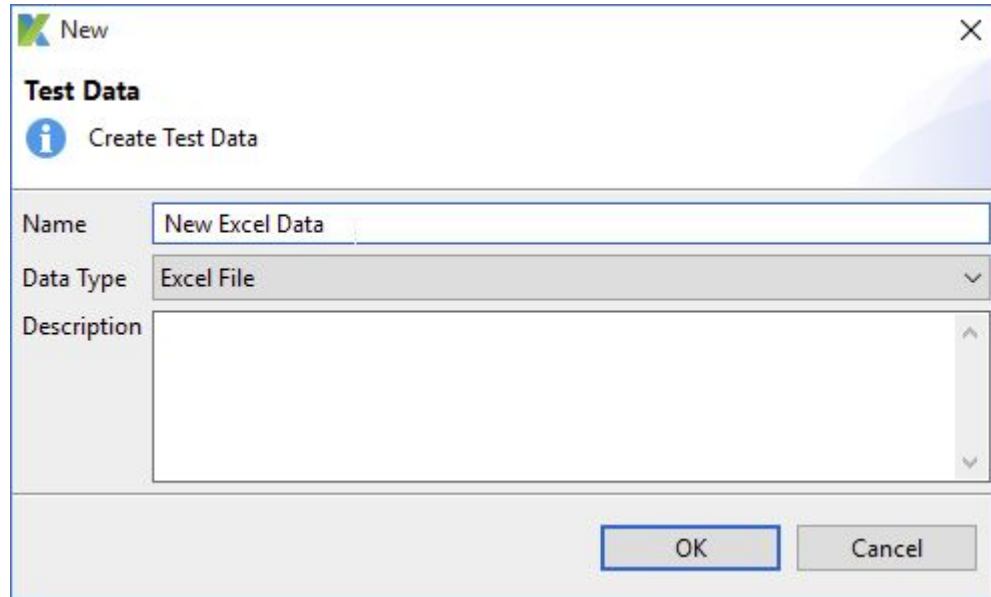
Create an Excel Test Data

1. Select File > New > Test Data from the main menu. The New Test Data dialog is displayed. Enter the name for your test data and select Data Type as Excel File. Click **OK.**

2. Browse to the Excel file that you want to import into Katalon Studio.
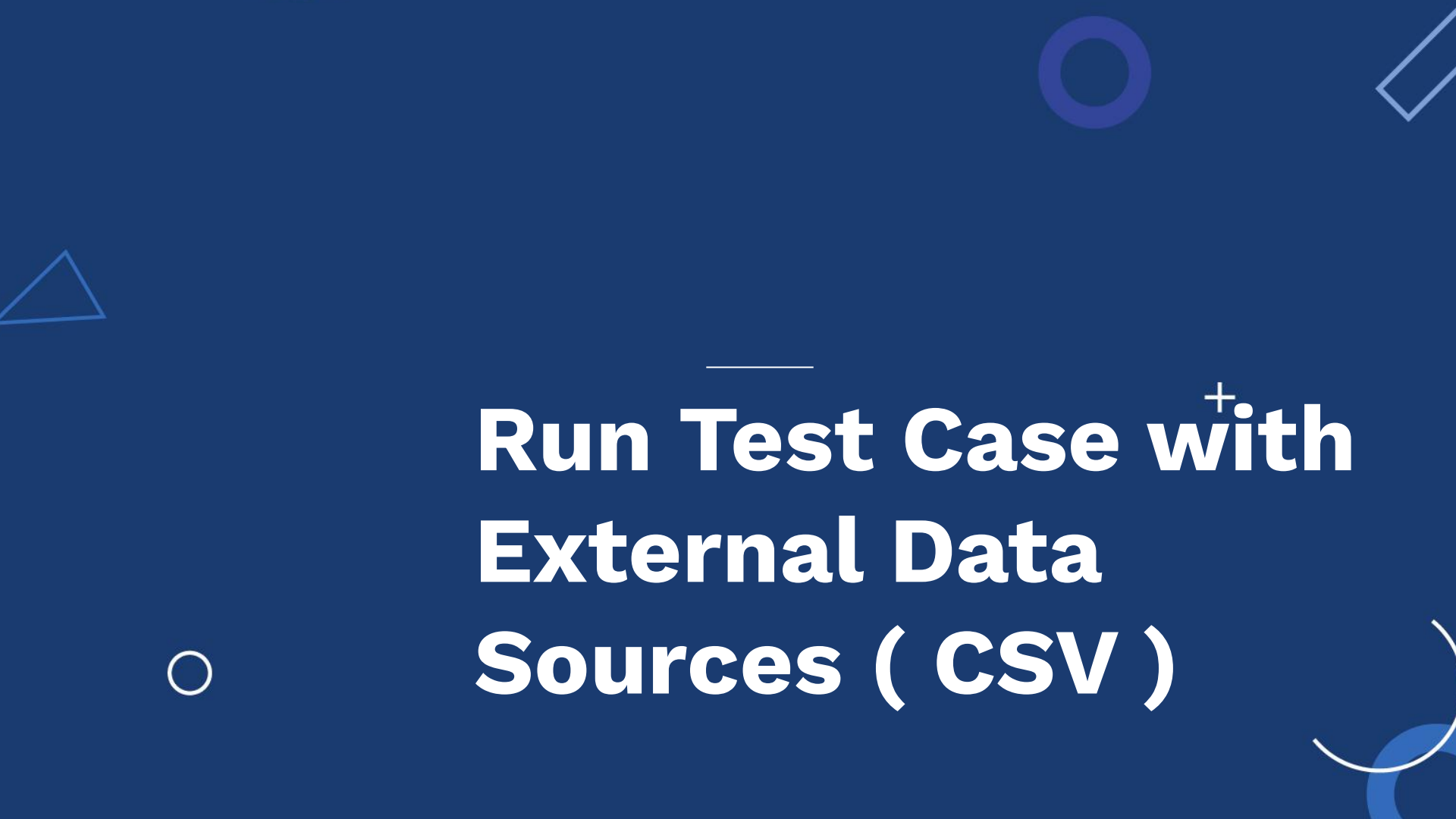
3. Data from the selected Excel file is populated into the preview section below.

Save the Test Data when you finish. The data set defined here can be utilized in other configurations. For example, you can use it to input data for keywords in Manual View or data for Test Execution when setting up test suites.
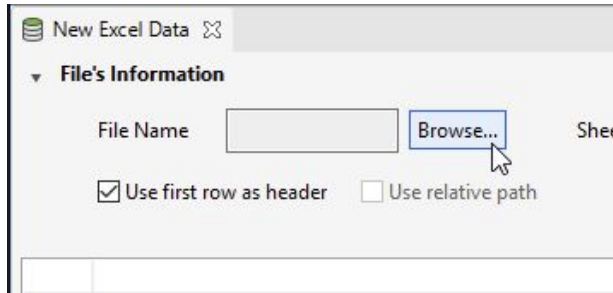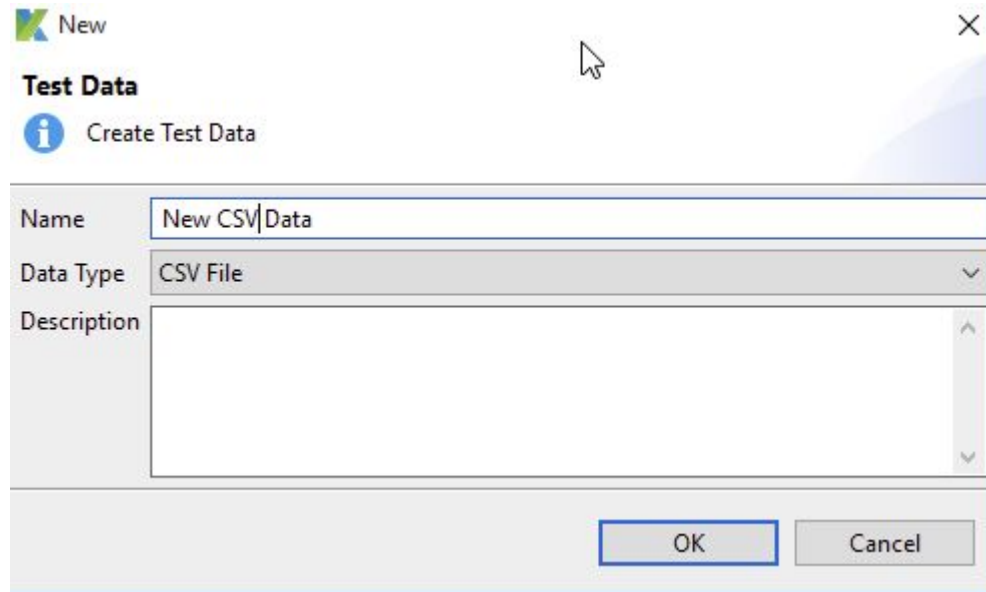
Run Test Case with External Data Sources (CSV)

Create a CSV Test Data
1. Select File > New > Test Data from the main menu. The New Test Data dialog is displayed. Enter the name for your test data and select Data Type as CSV File. Click **OK**.
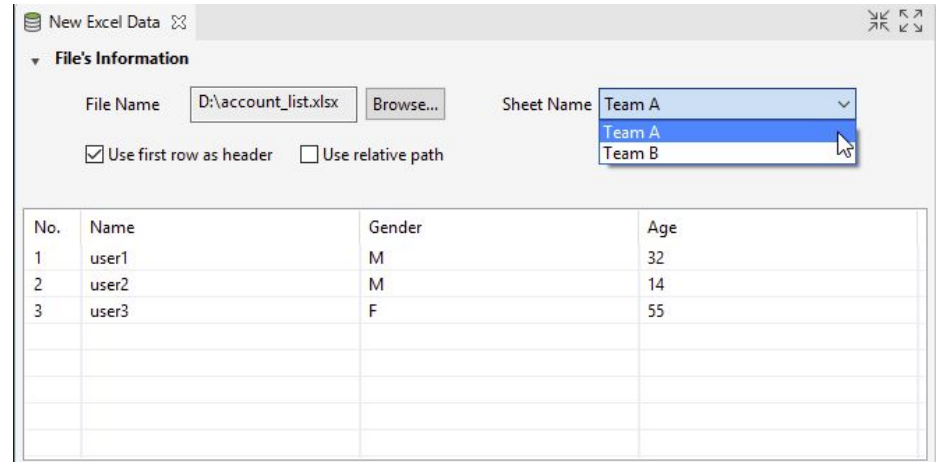
2. Browse to the CSV file that you want to import into Katalon Studio.
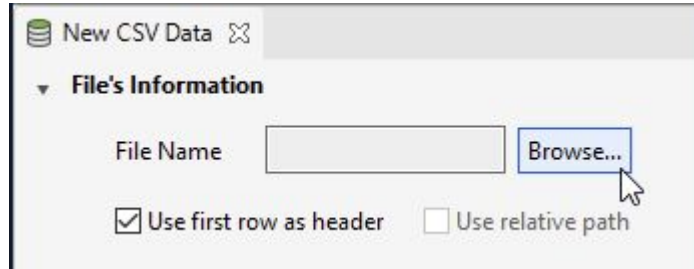
3. Data from the selected CSV file is populated to the preview section below.
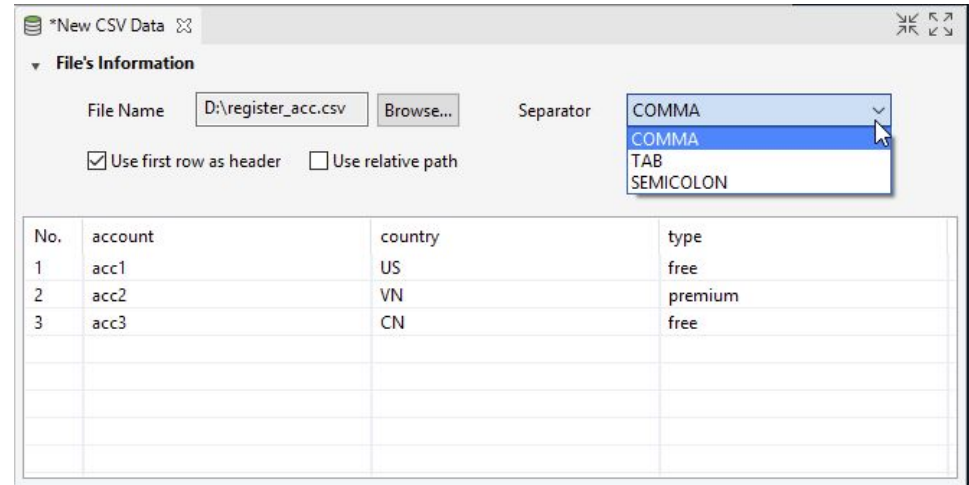
Save the Test Data when you finish. The data set defined here can be utilized in other configurations. For example, you can use it to input data for keywords in Manual View or data for Test Execution when setting up test suites.

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IMPORT an Excel Files to Test Data

Data from the selected Excel file will be populated into the preview section like the below example.

No.	Name	Team	Position
1	John	Marketing	Executive
2	Joe	Sales	Director
3	Mary	Marketing	VP
4	Emily	Sales	Manager

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Create a New Test Suites with Test Case Variables

Open a Test Suite, select Add from the command toolbar. All test cases in Katalon Studio will be displayed in the Test Case Browser dialog. The selected test case will be added to the test case list like the following example.

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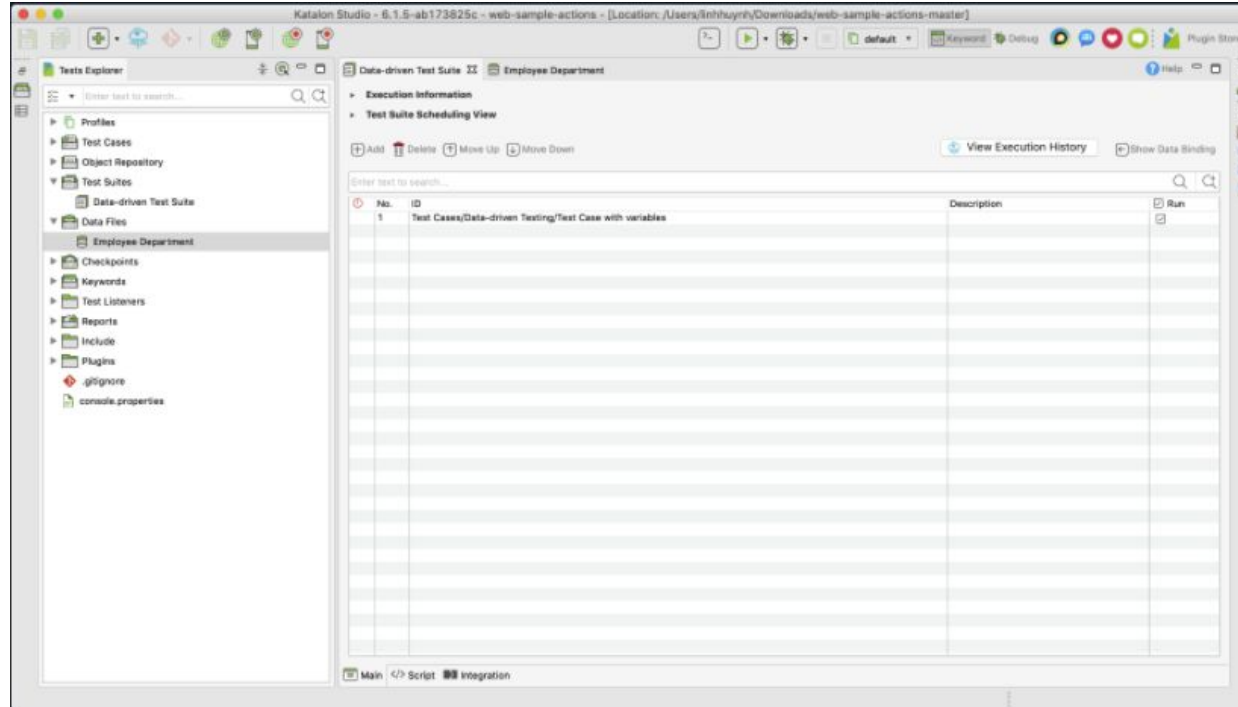
Manage Data Binding

2. In the Test Data table, select Add > select the data to be used for execution > the selected test data are added to the list accordingly.

In the Data Binding table which displays all variables of the selected test case, select all rows > choose Set Type > select Data Column as their types.

Click Set Test Data to decide which test data from the list to be used for execution.

Variable Binding

Set Type ▾   Set Test Data ▾

Name	Default value	Type	Test Data	Value
employee	'John'	Data Column	1 - Data Files/Emp ⚠	
department	'Marketing'	Data Column	1 - Data Files/Emp ⚠	
position	'Manager'	Data Column	1 - Data Files/Emp ⚠	

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Click each cell in the Value column to specify the data field in the selected data file. For example:

Variable Binding

Set Type ▾   Set Test Data ▾

Name	Default value	Type	Test Data	Value
employee	'John'	Data Column	1 - Data Files/Emp	Name
department	'Marketing'	Data Column	1 - Data Files/Emp	Team
position	'Manager'	Data Column	1 - Data Files/Emp	Position

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After finishing all the steps above, save and run your test suite to see the following result:

https://github.com/wijaysali/KatalonCS
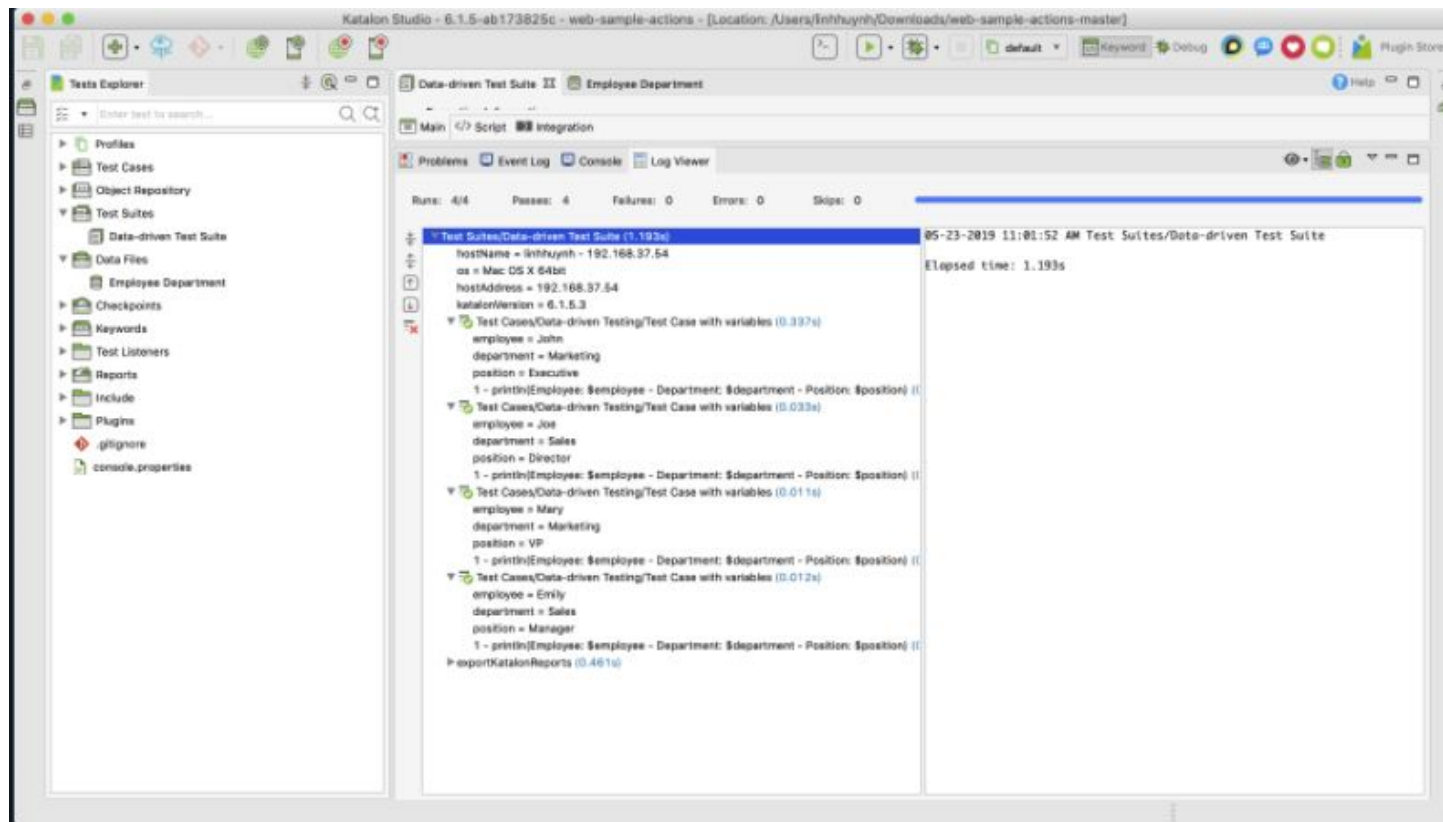

```
      Welcome              webCheatsheet.md  ×

Users > swijaya > Desktop > GCP KATALON >   webCheatsheet.md >    ### WebUI Check
38      'Klik pada Tombol Make Appointment'
39      WebUI.click(findTestObject('Page_CuraHomepage/btn_MakeAppointment'))
40
41      'Kembali ke halaman sebelumnya setelah mengarahkan ke halaman Make Appointment'
42      WebUI.back()
43
44      'Menutup Browser'
45      WebUI.closeBrowser()
46
47      ### WebUI Check
48      digunakan untuk cek (check-box / radio-button)
49
50      'Buka Browser dan mengarahkan ke url demo AUT'
51      WebUI.openBrowser('http://demoaut.katalon.com/')
52
53      'Klik pada Tombol Make Appointment'
54      WebUI.click(findTestObject('Page_CuraAppointment/btn_BookAppointment'))
55
56      ' Pilih Checkbox yang value nya Medicaid"
```

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