

Readme

1. The Automation Scripts were scripted using a Selenium based tool, Katalon Studio- Version 6.0.5. To run the Automation Scripts, the Katalon Studio tool needs to be downloaded. <https://www.katalon.com/download/>
2. Installation Documentation: <https://docs.katalon.com/katalon-studio/docs/getting-started.html#installation>
3. You need to register with Email and Password to Activate the tool
(**Note:** Katalon Studio is an open source tool.)

Automation scripts folder structure.

Test Cases: HeadoutAssignment/Test Cases

Test Suite: HeadoutAssignment/Test Suites/ HeadOutAssignment

Object Repository: HeadoutAssignment/Object Repository

URL Data: HeadoutAssignment/Profiles/Default (We Can create different profiles to run the Automation on different Environments)

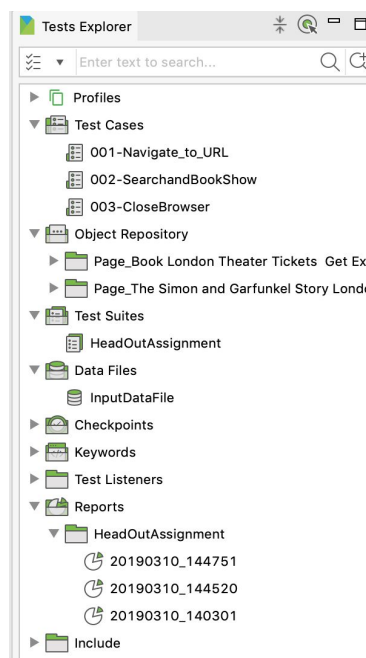
All the Data are parameterized for running it with different data, provided in the data

Excel File (HeadoutAssignment/Data Files/HeadoutAssignmentData.xlsx) - This data File is used for handling multiple data sets.

Data File: HeadoutAssignment/Data Files/InputDataFile - This file is referencing data from the Excel Data File.

Reports: HeadoutAssignment/Reports/HeadOutAssignment

Reports are available in different formats (HTML, CSV, Junit report etc.). Also records the videos of Test Case Pass And Failures in the videos Folder.



TestSuite: Test Case 002-SearchandBookShow, has variables with data binding torun multiple sets of data which is referenced from the Data Excel File.

The screenshot shows the Katalon Studio interface with the following sections:

- Execution Information:** Includes a search bar and a table with test cases.

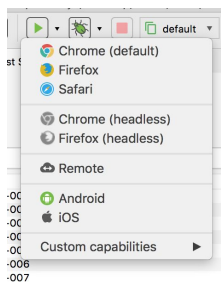
No.	ID	Description	Run
1	../001-Navigate_to_URL		<input checked="" type="checkbox"/>
2	../002-SearchandBookShow		<input checked="" type="checkbox"/>
3	../003-CloseBrowser		<input checked="" type="checkbox"/>
- Test Data:** Includes a table with test data.

No.	ID	Data Iteration	Type
1	Data Files/InputDataFile	All	One
- Variable Binding:** Includes a table with variable bindings.

Name	Default value	Type	Test Data	Value
ShowName	'The Simon and Garfunkel Story'	Data Column	1 - Data Files/Inpu Show_Nam	
FirstName	'TestFn'	Data Column	1 - Data Files/Inpu FirstName	
LastName	'TestLn'	Data Column	1 - Data Files/Inpu LastName	
Email	'testemail@mailinator.com'	Data Column	1 - Data Files/Inpu Email	
PhoneNumber	'1234567890'	Data Column	1 - Data Files/Inpu Phone_Nu	
CCNumber	'1234567890123456'	Data Column	1 - Data Files/Inpu CC_Numbe	
CCEpiry	'1221'	Data Column	1 - Data Files/Inpu CC_Expiry	
CVV	'6789'	Data Column	1 - Data Files/Inpu CVV	

Running the Scripts.

1. Import the project in the downloaded Katalon Studio software.
2. Open the test suite under the “Test Suites” folder and run it in Chrome.(Click on Play button Dropdown Arrow)



3. After the Execution, the reports are found under the Reports folder in the project folder window.