**Key Word Driven Framework**

Framework:

In automation Testing, how to organize all automation activities and create standard Process to develop and execute automation test is called Automation Framework.

Data Driven Framework is a framework which is driven by the different combinations of input and output data.

Each function we call as a keyword and write our automation test in a Excel. In keyword driven we don’t have apps specific function library. All we do from Excel.

Same as data driven all folder is organized in a particular folder

A picture containing shape

Description automatically generated

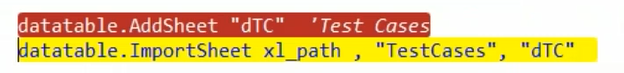
**1st step (Main Script)**

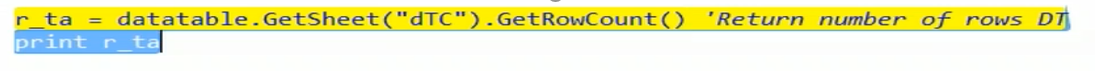
1. in Action1(driver Script): Get the path (use environment) from Script, split path and make folder path
2. Show all the folder(from Framework) path one by one
3. Using function Associated function library (web\_keywords, Driver\_function, formatExcel, Date\_function, IndependentHTML)

Graphical user interface, text

Description automatically generated

1. We have to add sheet at data table and import test case sheet



1. Use row count and for loop to read data from Automation PlanText

   Description automatically generated
2. if Execute Yes then import sheet from Automation plan (test data) and Test step from Test case

Text

Description automatically generated

Text

Description automatically generated

1. GetloginData getting data from datatable dTD which need to make environment

Text, letter

Description automatically generated

1. Use row count and foor loop read Test step from data table.

Graphical user interface, text, application

Description automatically generated

1. then it will go the keyword executor

Graphical user interface, text

Description automatically generated

**2nd step (Brand new Test execution) if Framework already Exists**

1. Need to Put Test case (Which will have test step sheet) in the Test case folder



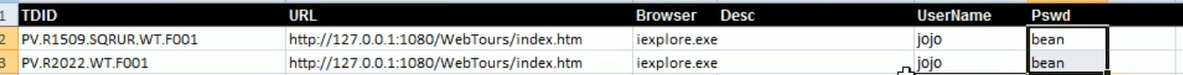
1. Need to put that test case name(TCID) in the TestCases sheet in Testdata Automation Plan excel file. If we want to execute we need to make execute “Y”



Graphical user interface, website

Description automatically generated

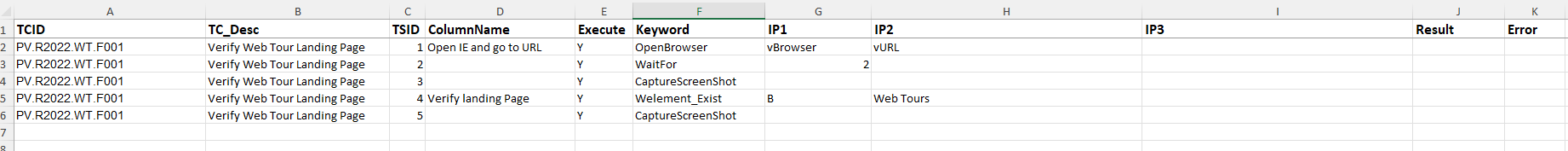
1. Need to put of that TCID in the loginData (TDID) sheet of Test data excel file to get the log in information to data table in script



Graphical user interface, application, Word

Description automatically generated

1. Then Open Test Case file where test step exists. And needed particular requirement to be tested then we need to make execute “Y”



A picture containing text

Description automatically generated

1. If need to make function we can create and put in web\_keywords function

Graphical user interface, text, application

Description automatically generated

1. After that we need to call that function in Driver\_functions otherwise it wont work Graphical user interface, text

   Description automatically generated
2. Then we need to put the argument in excel to run the function and get expected result. Like below

Graphical user interface, text, application

Description automatically generated

**Result Summary :**

In Result summary sheet we will get how many release has been made so far, how many smoke test, regression test, total number of test has been done. And send this sheet to management.

Graphical user interface, application, table

Description automatically generated