Get the Test Case details from the columns (Test Case/File Name, Execution Order, Test Case Status, Browser Configuration, Host Machine and Host Machine Credentials)

Iterate Test Case using “**testcase.count**”until the TEST CASE RUNNER Picks the last Test Case details from the Test Case Sheet.

TEST CASE RUNNER

Locate the Current Test Case from the Location using “current.testcase.filename”

Return to TEST CASE RUNNER

Create an Entry in the log file as “Test Case File Name or Execution Order is NULL in the Test Case sheet of the Test Suite <<Test Suite File Name>>

Verify “current.testcase.filename” or “current.testcase.executionorder’ is NULL?

Assign the Current Test Case full path to “current.testcase.fullpath” = <current.testcase.location>/< current.testcase.filename>

Create an Entry in Log file as “The Current Test Case Full Path = <current.testcase.filename>

Store the Current RUN Test Case’s Value into global variable as below current.testcase.filename, current.testcase.executionorder, current.testcase.status, current.testcase.osconfig, current.testcase.browserconfig, current.testcase.hostmachine and curren.testcase.hostcredentials.

Get the First Test Case based on the “Execution Order” from the Test Case Sheet of the Test Suite Excel

Create an Entry in the log file as “Could not locate the Current Test Case file from < current.testcase.filename>

Create an Entry in Log file as “Able locate the Current Test Case File from <current.testcase.filename>

Able to Locate the Current Test Case File?

Verify the Column Names (Test Case ID, Test Case Name)

Create an Entry in Log file as “Able to locate the “Details” sheet from < current.testcase.filename>”

Able to locate the sheet “Details”?

Create an Entry in the log file as “Could not locate the “Details” sheet from < current.testcase.filename> - Check this Test Case File”

Return to TEST CASE RUNNER

Locate the sheet “Details” from the Test Case Excel File

Create an Entry in the log file as “Could not read the Current Test Case Excel file from < current.testcase.filename> - Please check the file format.”

Return to TEST CASE RUNNER

Create an Entry in Log file as “Able to read the Current Test Case Excel File”

Able to Read the Current Test Case Excel File?

Read the Current Test Case Excel File

Return to TEST CASE RUNNER

Create an Entry in the log file as Required Column Names are valid in the “Details” sheet of < current.testcase.filename>”

Create an Entry in the log file as “Could not locate the required column of “Details” sheet from < current.testcase.filename> - Check this Test Case File”

Verify the Column Names (Step ID, Design Step, Design Description and Expected result)

Create an Entry in the log file as Required Column Names are valid in the “Manual Test Case” sheet of < current.testcase.filename>”

Return to TEST CASE RUNNER

Create an Entry in the log file as “Could not locate the required column of “Manual Test Case” sheet from < current.testcase.filename> - Check this Test Case File”

Column Names are Valid?

Return to TEST CASE RUNNER

Create an Entry in the log file as “Could not locate the “Manual Test Case” sheet from < current.testcase.filename> - Check this Test Case File”

Able to locate the sheet “Manual Test Case”?

Locate the sheet “Manual Test Case” from the Test Case Excel File

Create an Entry in Log file as “Able to locate the “Manual Test Case” sheet from < current.testcase.filename>”

Column Names are Valid?

Return to TEST CASE RUNNER

Return to TEST CASE RUNNER

Create an Entry in the log file as “Could not locate the “Automated Test Case” sheet from < current.testcase.filename> - Check this Test Case File”

Able to locate the sheet “Automated Test Case”?

Locate the sheet “Automated Test Case” from the Test Case Excel File

Create an Entry in Log file as “Able to locate the “Automated Test Case” sheet from < current.testcase.filename>”

If “Automation Test Case” is < 1 Step

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Verify the “Automated Test Case” sheet at least has 1 step to execute

Verify the Column Names (Step ID, Object Name, Action, Input Value, Expected Object and Expected Value)

Column Names are Valid?

Create an Entry in the log file as “Could not locate the required column of “Automated Test Case” sheet from < current.testcase.filename> - Check this Test Case File”

Return to TEST CASE RUNNER

Create an Entry in the log file as “There is no Steps in the Automated Test Case Sheet to Run from < current.testcase.filename> - Ignoring this Test Case”

Return to TEST CASE RUNNER

Call TEST STEP RUNNER

Get the Current Data and Time and store the values into global variable as “**current.testcase.startime**”

Create Current Test Case RUN ID as “<**current.testcase.id>\_< current.testcase.name>\_<Current Date and Time>**

Get the “Test Case ID” and “Test Case Name” from the “Details” sheet of the Current Test Case Excel file.

Store the Test Case ID and Test Case Name into global variable as “**current.testcase.id**” and “**current.testcase.name**”

Return to TEST CASE RUNNER

Create an Entry in the log file as “No Test Case ID or Test Case Name found in the Current Test Case - < current.testcase.filename>

If “Test Case ID” or “Test Case Name” = NULL