1. Do not change the project name. If you are changing the project name, then make sure you are changing the project name in config files.
2. Do not change the Package name/ class name.

Note :: if you are changing then it should also be changed in the testng.xml

1. Do not change the method name in the class files.

Please note : Method name is the Test case name in the Spreadsheet, so if you are changing the method name then change the corresponding name in the “Testcases” sheet and Data sheet.

1. Make sure you give the correct path in the config file.
2. Make sure you have created below folder with correct naming conventions. Under the project.

* InputOutputsheet
* report
* TestResultsVideo

1. Make sure you have the below drivers under the project.

* chromedriver.exe
* geckodriver.exe
* IEDriverServer.exe

1. Make sure you have all the below jars attached in java build path.



1. Make sure you have the below TestNG file in the project.



Note :: Package name and Class name in the project should be same in the Testng.xml file

**Test data sheet ::**

1. Test data sheet should be under “InputOutputsheet” folder.

Note :: if you are changing the folder the path should be updated in the config file and in the script.

1. Test data sheet should have the below sheets with correct naming convention.

* TestCases
* Data

Note :: if you are changing the sheet name then it should be changed in the class file(Constants).

1. TestCases sheet has the below columns .

* TCID
* Description
* Runmode

Note :: TCID, Runmode are **mandatory** columns it should be there in the TestCases sheet with the correct naming convention. However, Description column is optional.

1. Data sheet should have the below points

* Test case name (highlighted in red) should be same as Test case name in the TestCases sheet.
* Runmode should be there as the first column with same naming convention.

Note :: if you are changing the Runmode name then it should be changed in the class file(Constants).

* Expected\_Result column should there with the same naming convention.

Note :: if you are changing then it should be changed in all the corresponding Test cases.

* Result column name can be changed .
* If require new columns can be added for that particular test case in the Data sheet.
* **Any number of rows** can be added as a data.
* Below are some of the Expected results which should not be changed in the Data sheet.
  + LinkAvailable
  + SearchresultDisplayed
  + SearchresultnotDisplayed
  + FieldAvailable

Note :: if you are changing then it should be changed in the method in the Base Class .

1. Name of the data sheet “webcentraldata.xlsx” should be same as the last segment name in the package highlighted below. So, if you are changing the name it should be changed in the respective placed and in the script as well.

Package name :: com.webcentral.test.automation.webcentraldata

Test data sheet name :: webcentraldata.xlsx

**Script covers below options::**

* If **either** Runmode column in TestCases or Data sheet is not Y then the Test script will be skipped. And the same status will be written in the “Result” columns in the Test data sheet and in the Extent Report.
* Executes all the classes in the Testng.xml.
* UAT/DEV/Prod URL can be given in config Properties files.
* If user gives browser name as “chrome” then it will run in chrome. If it is “IE” then the script will run in “IE”.
* All the webelement properties like (Xpath, Id, class name) are stored in the OR properties file . So, no need to modify if there is any change in the properties of the webelement.
* Reports the status in the Extent Report and in the Test data sheet as PASS if the script executed successfully. Also, the PASS screenshot will be attached in the report as well.
* Reports the status in the Extent Report and in the Test data sheet as FAIL if the script execution is failed. Also, the FAIL screenshot will be attached in the report as well.
* Capture the screenshots for each test cases and saved in the below path.

Note:: new folder will the created for each run all the screenshots and extent report will be stored separately for each run

C:\Users\C629685\eclipse-workspace\Webcentral\_Hybrid\_Automation\report

* Video will be recorded for each run and will be stored in the below path.

C:\Users\C629685\eclipse-workspace\Webcentral\_Hybrid\_Automation\TestResultsVideo

* Email will be sent with the Status sheet and the extent report attached. Sample email attached.

