1. Framework is ready – outline – BaseTest
2. Regression test cases
   1. By Manual Testing team
   2. System study – Execute the test case manually

Test Case 1- Valid Login

Steps:

* Enter valid username
* Enter valid password
* Click on login
* Verify that home page is displayed

Test Case 2- Invalid login

Steps:

* Enter invalid username
* Enter invalid password
* Click on login
* Verify that error message is displayed

How to automate a test case?

1. Execute the test case manually – understanding of the test case
2. While executing the test case note down
   1. Page
   2. Element
   3. Action (ignore the input)

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| --- | --- | --- |
| Page | Element | Action |
| actiTIME - Login | User name | Enter |
| actiTIME - Login | Password | Enter |
| actiTIME - Login | Loginbutton | click |
| actiTIME - Enter Time-Track |  | Verify page displayed |

1. For each web page , create a respective pom class under ‘page’ package
2. Class name should be same as page name , ending with the word Page.
3. Inside the POM class, declare the element using @FindBy, initialize it using PageFactory

Utilize it using getters/setters method

1. For each test case create TestNG class under ‘script’ package
2. Class name should be same as MTC name/MTC id
3. Each Test class should extend BaseTest
4. Test class should contain @Test method with respective priority
5. Inside the Test method write the test case steps as in line comment
6. Below each comment , call the respective pom class method
7. Ensure that Assert is written in Test method (not in POM )
8. Take all the inputs/data from excel file to minimize the code changes
9. Create a sheet in input.xlsx, sheet name should be same as test case name
10. 1st row should be header
11. Data should be present from 2nd row
12. In Test method, read the data using getXlCellValue method
13. Above steps- Data Driving the script- Data Driven testing

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| --- | --- | --- |
| Page | Element | Action |
| actiTIME - Login | User name | Enter |
| actiTIME - Login | Password | Enter |
| actiTIME - Login | Loginbutton | Click |
| actiTIME - Login | Err Msg | Is displayed |

