**========= Quality center By Hamid Junejo (Hamy June) =========**

**:** [Ali Zee Talks](https://www.youtube.com/c/AleeZee) for QC tutorial. https://youtu.be/9pxDS35D19Q

**Note : keep same Folder Name in all Tabs like requirement, test plan, test lab etc.**

**Requirement :**

when the business analyst gets the requirement then he uploads them into Quality Center…

**Create requirement :**

First create a folder = go Requirement > click new folder( 1st icon) > do name > ok,

Then create requirement = click new req.(2nd icon) > select req. type > do name > ok.

**Note : keep same Folder Name in all Tabs like requirement, test plan, test lab etc.**

**Test Plan :**

**Create Test:**

First create a folder = go Test Plan > subject > click new folder(1st icon) > do name > ok.

Then create Test cases = click new test (2nd icon) > fill required fields > ok.

Map Test Case to Requirement = click Req Coverage > click select Req > Requirements > select the requirement > click ( <= icon ) > close. Now it is mapped.

Create Test steps = click Design Steps > click new step icon > description > ok.(create as many you need).

We can add / lessen columns using column icon then click save icon.

**Note : keep same Folder Name in all Tabs like requirement, test plan, test lab etc.**

**Test Lab:**

**Import Tests:**

Go Test Lab > click Root Folder to create new Folder(1st icon) > do name > ok.

Now click new Test(2nd icon) > do name > ok.

Now click Select Tests > find the Folder just created > select the test > select result review status > ok.

Now go back to Test Plan > go to the test > copy the test name > click details > paste it in description

> click Design Steps > click save icon > click refresh icon.

> go back to Test Lab > click refresh icon. ( now test is imported).

(by clicking Select Test you can visible/invisible the tests).

**Execute / Run tests:**

Select the test > click Run > Begin Run > select status (passed, failed, not run etc.) > click End Run icon.

(clicking End Run icon will save the result, if you save any incomlete result then click Run down\_arrow v > click Continue Manual Run > click Begin Run to finish the steps).

**Defects Module:**

**Create a Defect:**

(i) Click Defects Tab > New Defect > fill all options > defect id will be generated > copy id

> Then go Test Lab > double click on failed test > click Linked defects icon > select By ID (2nd icon) > paste defect id > link.

(ii) Test Lab > double click failed test case > click linked defects icon > click New Defect icon > fill all options, add sceenshots, take pictures etc > submit.

[nanda.D Reddy](https://www.youtube.com/c/nandaDReddy)

🡺 How to map the tests with requirements.

1. go to requirement module > click on req.ID > select test coverage > click select btn > test plan on right side > select test case > click [<=]. Now it is mapped.

2. go to test plan > select test case > req. coverage > req. tab > requirement on right side > select requirement.

🡺 How to design test steps.

Test plan > select test case > Design Step tab > new step btn

**Step no** : step 1 (can any name)

**Description** : open browser > go to <<<url>>> .

NB. Do parameter the url data = click parameter btn > do parameter name > ok.

**Expected result** : browser should be open and navigated to url. then click OK

Then again click on new step btn to create another step.

**Step no** : step 2 (can any name)

**Description** :

click login option.

enter user name as Admin1.

and pass word as demo123.

click login button

**Expected result** : user should be logged in. then click OK

Then again click on new step btn to create another step.

**Step no** : step 3 (can any name)

**Description** :

click login option.

enter user name as <<<userName>>>

and pass word as <<<passWord>>>

click login button

NB. Do parameter the url data = click parameter btn > do parameter name > ok.

**Expected result** : user should be logged in. then click OK

Then again click on new step btn to create another step.

🡺 How to create parameteres

Test plan > select test case > parameter tab > create parameter. (can create parameter before test step)

🡺 How to attach screenshot/any document

Test plan > select test case > attachment tab > attach screenshot / any file.

🡺 How to linked defects.

Test plan > select test case > Linked defect tab > select defect > click [<=]

🡺 Calling one manual test case from another test case.

Test plan > create a new folder (reusable) > create new TC (login)

Go to desired TC > design > copy steps.

Come back to TC (login) > design > paste the steps.

We also can call a test case:

Test plan > select any TC > Design > call to test case btn > select TC you want to call > ok.

Then you can continue to design more steps..

🡺 How create releases and cycles in management module.

Management module > releases > create new project folder > new release btn > do name (facebook release 1) > start date > end date > ok.

Create cycle : click cycle btn > start date > end date > description (optional) > ok

🡺 How to export test cases from excel to quality center.

Download microsoft ad-in from QC link > tools > ad-in for microsoft application

> Excel sheet > HP ALM Upload ad-in > mapping > select ALM field & Excel column > design the tests.

> click validation > upload to ALM btn > ok.

> go to QC > test plan > refresh btn.

eVideoTution

🡺 How to export test cases QC to Excel

Login to QC > Test plan > test folder > select test case > Design steps > right click on step > Export > enter excel file name > save.

🡺 How to import test cases Excel to QC/ALM

Download ms excel add-ins QC website

> select test case rows(not heading row)

> click Export to ALM > enter QC url

> next QC id & pass > select tests > type a new map(do name) / select a map

> select columns > click[=>] (reds are mandatory) > enter excel column name/no > ok

> click Export btn. > finish.

> go to QC > refresh (now you can see the test cases).

**\*\*\*** complete ALM tutorial video by Roicians Tech \*\*\*

\* must see the videos to understand the complete test management.

1) ALM / QC Introduction for beginners

2) ALM/QC Writing Requirements and Writing Test cases

3) ALM/QC Test Case Execution & Defect Management

4) ALM/QC Defect Logging

5) HP ALM/QC Updating RTM, Linking Defect and Report Generation

6) HP ALM/QC Report Generation and Exporting test cases from excel sheet