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Testing in SDLC

COURSE CONTENT

1 – Test Library

Creating test case library and rules to be followed in

preparing the test case

2 – Test Lab

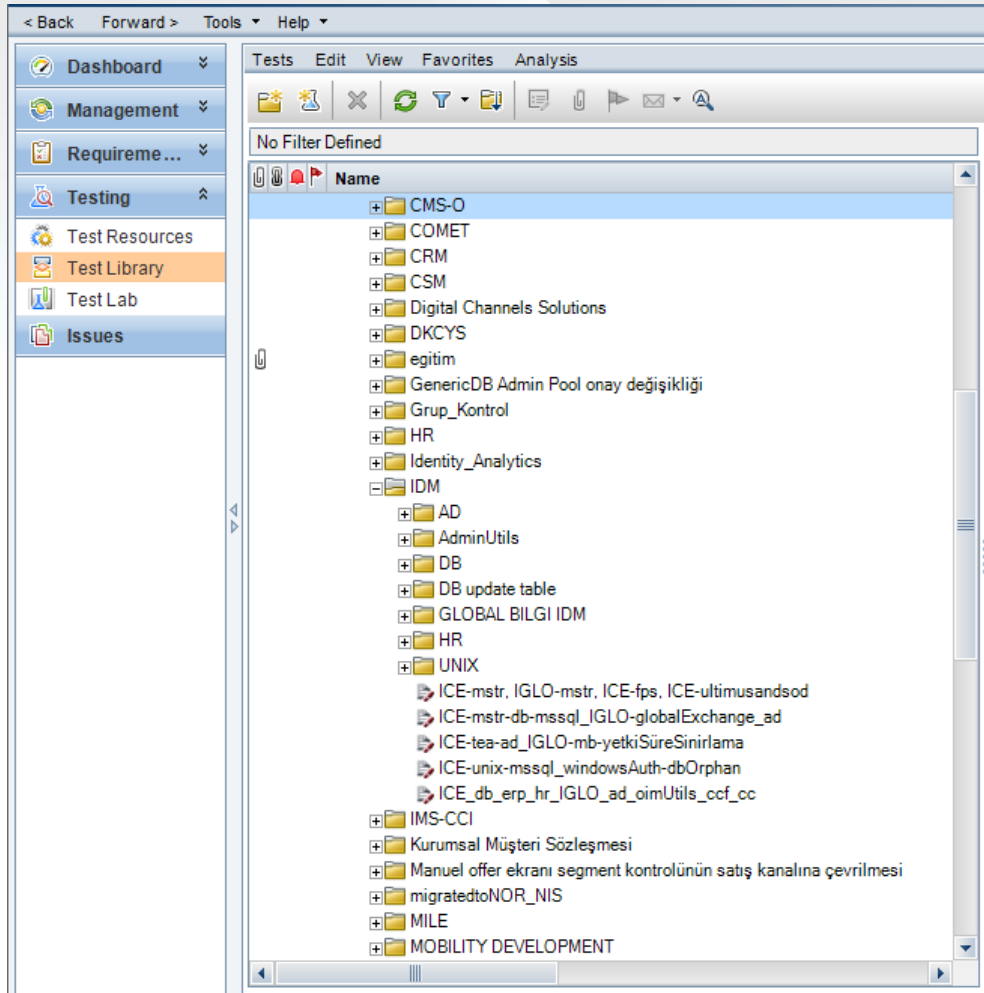Scenario sets which will be held for the test

3 – Test Issue

Error notification

4 – Dashboard

Reporting of test data

TEST LIBRARY

Test library;
ALM module that we write our test cases

TEST LIBRARY BENEFITS

- Security

- Easy accessibility

- Reusability

- Reporting

WHAT IS A TEST CASE?

A test case in software engineering is a set of conditions or variables under which a tester will determine whether an application or software system is working correctly or not.

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TEST CASE STANDARDS

- The purpose of the test case must have been written

- Test data should contain sufficient information

- Steps should be enough and understandable.

- Test results of the control method must be specified

TEST TYPES

- Unit Testing

- Functional Testing

- Integration Testing

- Interface Testing

- Destructive Testing

- Boundary Testing

- Documentation Testing

- Security Testting

- Performans / Stress Testing

- End-To-End Testing

- Adhoc Testing

- User Acceptance Testing

TEST CASE PRIORITIZATION

- Stands all the tests if scenario is not realized

- If test case is one of the basic scenario of product or service.

- Affects only a specific part of the product or service

- If the scenario has no functional effect (cosmetic scenarios).

TEST LAB

- The module containing the test case sets in order to test a particular product or service

TEST SET TYPES

- Unit Test

- Pre Int Test

- Smoke Test

- Business Analyst Test

- UAT Test

- Post Deployment Test

TEST SET STANDARDS

- Must be associated with the test request

- Choose the correct type of test phase

- Smoke Testing must be done.

- Fonksiyonel Testing must be done.

- Negative test should be done.

- Performans test must be done.

- Regression test set must be established

- Security test must be done

TEST ISSUE

- Topic is considered as the test issue If application or service produce an incorrect, unexpected results or present performance or security breaches

TEST ISSUE TYPES

- Code Defect

- Compiling Defect

- Label Defect

- Migration Defect

- Performans Defect

- Vendor Defect

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TEST ISSUE STANDARDS

- Test data used must be specified

- Screenshot of the error must be attached

- Detailed logs should be given

- Error analysis of the scenario should be told

DASHBOARD

- In the Dashboard module, you create view and manage graphs, standard reports, and Excel reports for analyzing Quality Center data. You also create dashboard pages that display multiple graphs side-by-side.

ABOUT THE DASHBOARD MODULE

- The **Analysis View** tab contains a tree in which you organize all of your analysis items. Analysis items can be any of the following analysis types: graphs, standard reports, and Excel reports.

- The **Dashboard View** tab contains a tree in which you organize dashboard pages. In **Dashboard pages** you arrange multiple graphs that you created in the analysis tree, and display them in a single view.

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EXAMPLE OF REPORT OUTPUT

EXAMPLE OF DASHBOARD OUTPUT
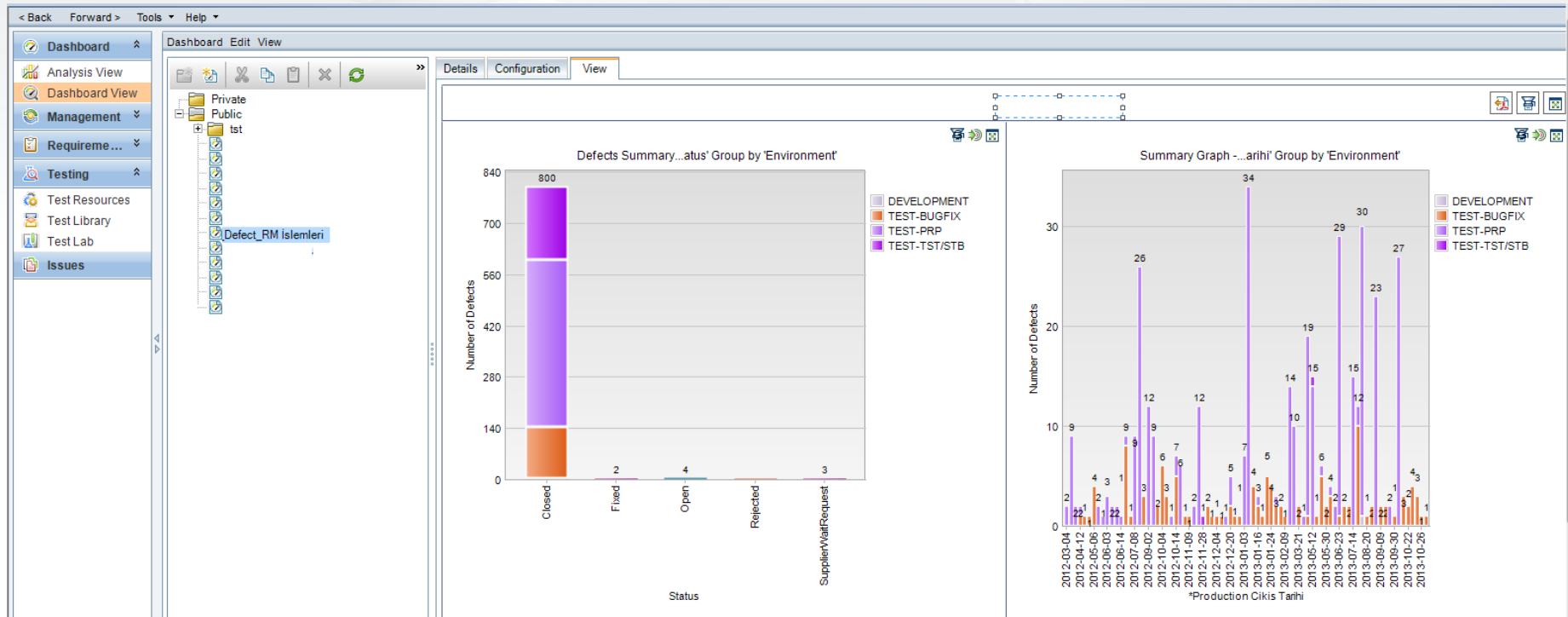
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Teşekkürler...