

Software Testing

Test Cases

Test Cases

- A test case contains all the information necessary to carry out a particular test including:
 - Optionally environment in which the test needs to be conducted,
 - a description of the test data and how it can be obtained,
 - The expected results of the test,
 - The status of a test indicating whether it has been completed or not.
 - how to conduct the test and ensures that no steps in the testing process are skipped

Test Cases

- The test case should include the following:
 - a unique test case identifier,
 - A brief description of a test and what it is for,
 - Any assumptions and preconditions that are necessary before a test can be executed,
 - Test data which needs to be provided in order to execute the test,
 - A list of steps which need to be executed to conduct the test,
 - The expected result of the test,
 - The actual result of the test that was obtained and any post conditions which occurred as a result of executing the test,
 - Whether the test passed or failed.

Test Case Format

ID	Description	Steps	Test Data	Expected Results	Actual Results	Pass/Fail
TF001	Login test	1. go to login page 2. Enter user name 3. Enter password 4. Click "Login"	user=John passwd=secret	Successful login		