

TestPlanAndOutput:

**Step 1)** A simple test case to explain the scenario would be

Test Case #	Test Case Description
1	Check response when valid email and password is entered
.	

**Step 2)** Test the Data.

In order to execute the test case, you would need Test Data. Adding it below

Test Case #	Test Case Description	Test Data
1	Check response when valid email and password is entered	Email: guru99@email.com INf9^Oti7^2h

Identifying test data can be time-consuming and may sometimes require creating test data afresh. The reason it needs to be documented.

**Step 3)** Perform actions.

In order to execute a test case, a tester needs to perform a specific set of actions on the AUT. This is documented as below:

Test Case #	Test Case Description	Test Steps	Test Data
1	Check response when valid email and password is entered	1) Enter Email Address 2) Enter Password	

3) Click Sign in  
Email: guru99@email.com  
Password: INf9^Oti7^2h

Many times the Test Steps are not simple as above, hence they need documentation. Also, the author of the test case may leave the organization or go on a vacation or is sick and off duty or is very busy with other critical tasks. A recently hire may be asked to execute the test case. Documented steps will help him and also facilitate reviews by other stakeholders.

**Step 4)** Check behavior of the AUT.

The goal of test cases in software testing is to check behavior of the AUT for an expected result. This needs to be documented as below

Test Case #	Test Case Description	Test Data	Expected
1	Check response when valid email and password is entered	Email: guru99@email.com Password: INf9^Oti7^2h	Login successful

During test execution time, the tester will check expected results against actual results and assign a pass or fail status

**Step 5)** That apart your test case -may have a field like,

Pre – Condition which specifies things that must be in place before the test can run. For our test case, a pre-condition would be to have a browser installed to have access to the site under test. A test case may also include

Post – Conditions which specifies anything that applies after the test case completes. For our test case, a postcondition would be time & date of login is stored in the database