

PRACTICAL NO. 16

Q1. Write five negative test cases for login with invalid credentials.

Negative test cases help in improving reliability and robustness of the login module.

Test Case ID	Test Case Description	Input Data	Expected Result
L_TC_01	Valid username, wrong password	user@test.com / 1234	Error message displayed
L_TC_02	Wrong username, valid password	wrong@test.com / pass	Error message displayed
L_TC_03	Username blank	/ pass	Username required
L_TC_04	Password blank	user@test.com /	Password required
L_TC_05	Both fields blank	/	Validation message

Q2. Define the entry and exit criteria for executing login-related test cases.

Entry criteria define the conditions that must be satisfied before starting the testing process.

Testing can begin only when these conditions are met.

Entry criteria ensure:

- Application is stable.
- Required environment is available.
- Test data is prepared.
- Test cases are reviewed and approved.

Exit criteria define the conditions that must be satisfied to stop the testing process.

Testing is considered complete only when these conditions are met.

Exit criteria ensure:

- All planned test cases are executed.
- Major defects are fixed.
- Test objectives are achieved.
- Test report is prepared.

Criteria Type	Condition	Description
Entry	Application ready	Login module developed
Entry	Environment ready	Browser installed
Entry	Test data available	Valid credentials prepared
Exit	Test cases executed	All cases run
Exit	Defects fixed	No critical bugs
Exit	Report prepared	Summary created

Q3. Prepare the test plan along with the test case for Amazon login module.

A test plan is a detailed document that describes the overall approach of testing. It defines what to test, how to test, and who will perform the testing.

The main objectives of test plan are:

- To identify testing scope.
- To define roles and responsibilities.
- To specify testing environment.
- To manage testing schedule.

Test plan helps in:

- Systematic testing.
- Reducing risks.
- Improving product quality.
- Proper documentation for future reference.

Test Case ID	Description	Steps	Expected Result
A_TC_01	Valid login	Open Amazon, enter valid credentials, click login	Login successful
A_TC_02	Invalid password	Enter wrong password	Error shown
A_TC_03	Blank fields	Click login without input	Validation message
A_TC_04	Invalid email format	Enter abc.com	Error message
A_TC_05	Case sensitivity	Enter wrong case password	Login failed