

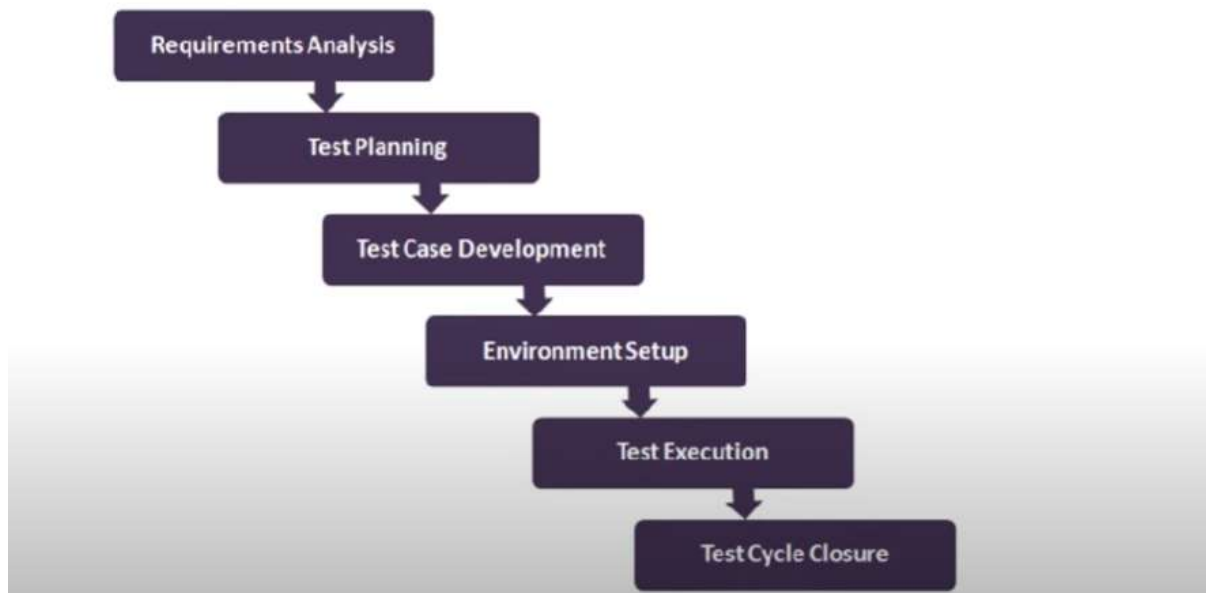
FILE VIEW HISTORY PROJECT HELP

SDLC - Software Development Life Cycle
ReqAnalysis, Desing, coding, testing ,deployment, maintanace.

STLC - Software Testing Life Cycle

- 1) Requirement Analysis
- 2) Test Planning
- 3) Test Desing
- 4) Test Execution
- 5) Defect/Bug Reporting & Tracking
- 6) Test Closure

Software Testing Life Cycle (STLC)



Traceability Matrix:

What requirement has the corresponding testcases

A traceability matrix is **a document that details the technical requirements for a given test scenario and its current state**. It helps the testing team understand the level of testing that is done for a given product. The traceability process itself is used to review the test cases that were defined for any requirement.

STLC:

SNO	PHASE	Input	Activities	Responsibility	Out Come
1	Test Planning	Project Plan	➤ Identify the Resources	Test Lead/Team Lead (70%)	Test Plan Document
	What to test	Functional Requirements	➤ Team Formation	Test Manager (30%)	
	How to test		➤ Test Estimation		
	when to test		➤ Preparation of Test Plan		
			➤ Reviews on Test Plan		
			➤ Test Plan Sign-off		
2	Test Designing	Project Plan	➤ Preparation of Test Scenarios ✓	Test Lead/Team Lead(30%)	Test Cases Document
		Functional Requirements	➤ Preparation of Test Cases ✓	Test Engineers(70%) ✓	Traceability Matrix
		Test Plan	➤ Reviews on Test Cases ✓		
		Design Docs	➤ Traceability Matrix		
		Use cases	➤ Test Cases Sign-off ✓		
3	Test Execution	Functional Requirements ✓	➤ Executing Test cases ✓	Test Lead/Team Lead(10%)	Status/Test Reports
		Test Plan ✓	➤ Preparation of Test Report/Test Log ✓	Test Engineers (90%) ✓	
		Test Cases ✓	➤ Identifying Defects		
		Build from Development Team			
4	Defect Reporting & Tracking	Test Cases ✓	➤ Preparation of Defect Report ✓	Test Lead/Team Lead(10%) ✓	Defect Report
		Test Reports/Test Log ✓	➤ Reporting Defects to Developers ✓	Test Engineers (90%) ✓	
5	Test Closure/Sign-Off	Test Reports	➤ Analyzing Test Reports ✓	Test Lead/Test Manager(70%) ✓	Test Summary Reports
		Defect Reports	➤ Analyzing Bug Reporting ✓	Test Engineers(30%) ✓	
			➤ Evaluating Exit Criteria ✓		