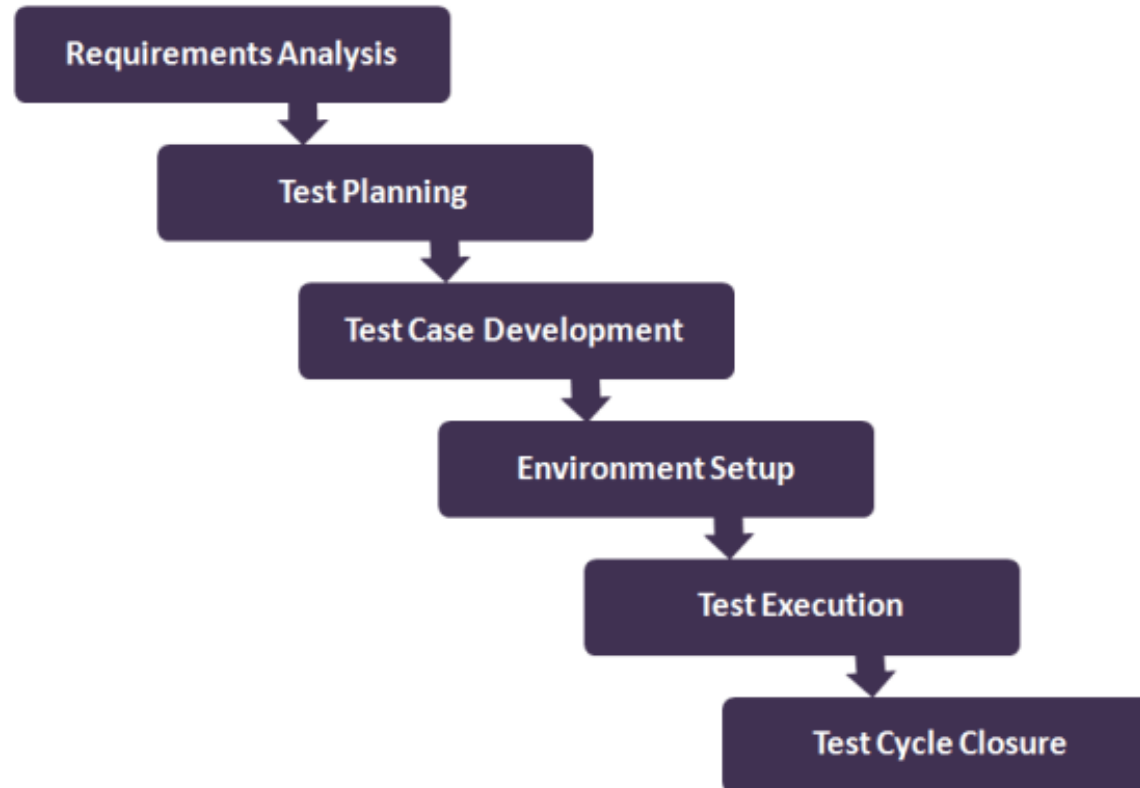# Manual Testing
Session 7

Software Testing Life Cycle (STLC)

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/Development**	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	➤Environment Setup ➤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 Manger(70%)	**Test Summary Reports**
		Defect Reports	➤Analyzing Bug Reporting	Test Enginners(30%)	
			➤Evaluating Exit Criteria		