

## [Selenium](#) [Java](#) [SQL](#) [Agile](#) [Scrum](#) [CUCUMBER](#) [Guide](#) [Wire](#) [Testing](#) [Profiles](#)

Defect Life Cycle	SDLC_STLC	Priority_Severity	Agile Scrum Methodology	SMoke_Sanity Testing
Test Plan	Test Strategy	RTM	Test Estimation	Risk Based Testing
Types of Testings	Defect Parameters	Test Case attributes	Test Scenario Template	Sample Test Scenarios Login
Exploratory Testing	Verification & Validation	WaterFall Model	Testing techniques	Regression vs Retesting
Testing ?	Test Scenario vs Test Case	Why you choosed Testing?	Developer is not agreed an issue	About IVY ?
				System Testing ?
Module Testing	Integration Testing?	UAT Testing	FAT Testing?	Performance Testing
Load Testing	Stress Testing	Security Testing	Volume Testing?	Reliability Testing
Recovery Testing	AccessBility Testing	Usability	Localization Testing	Compatability Testing
Unit Testing	Adhoc Testing	Static Testing	Dynamic Testing	Test Cases on Gmail Login
API Testing or Interface	Database or Backend Testing	Pending	Reliability Testing	Quality Attrubutes
		API Testing or Interface	Database or Backend Testing	Pending
				Reliability Testing

**Can you please explain about software development life cycle ?**

**SDLC means software development life cycle , which contains various phases like requirements , design , coding and testing phases in a soft project development progress .**

**In requirements phase**

**we have to go through the requirements analysis and understanding the FRD & BRD documents and also of we have to go though the functionality of each user story's short description and acceptance criteria and we will be involved in requirements walkthrough sessions by BA & designers . shortly we can say , Testing phase will be started from the requirement phase itself.**

**and coming to design phase ,**

**development and testing team will be involved in understanding the HLD and LLD documents, like high level design and low level design documents , which are prepared by BA & designers . During this design phase ,  
Development team will be involved in Technical part & pseudo code**

**understanding from the technical documents and testing team will be focused on the test scenarios and test case design effort & Test scenario walk through sessions to be planned for Business Analysts , design team , development team and required Project stakeholders like that.**

### **and Coming to the coding phase,**

**Development team will be completely involved in coding and build preparation activities and they will do some kind of unit testing in development environment and they will share all the unit test results and sessions to required teams and in parallel testing team will also focus on test environmental access and checks , Test data preparation activities , user setup roles and responsibilities matrix and etcetera prerequisite checks will be ensured prior build is received from development team**

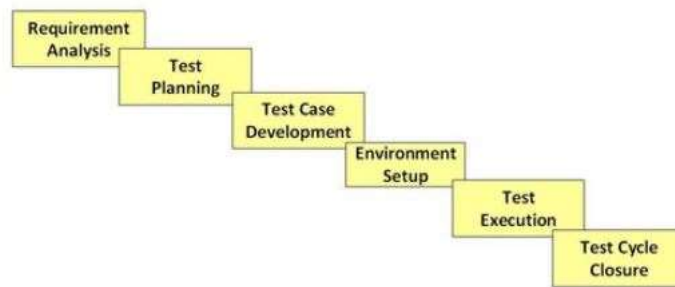
### **Coming to testing phase**

**Once build is ready, testing team will focus on smoke testing and sanity testing , Progression & regression testing and all these testing activities will be performed and we can share test design & execution summary progress in daily dashboard report . Once SIT ,FAT and System Testing is completed, the testing team will give the test completion certificate about the Overall Test execution summary metrics & outstanding defect conclusion to all project team and stakeholders . Then Project Team & stakeholders will take decision for release to GO/No GO discussions and accordingly further Release action plans will be taken care and all New functional features will be into Production like that .**

## STLC Phases

There are following six major phases in every Software Testing Life Cycle Model (STLC Model):

1. Requirement Analysis
2. Test Planning
3. Test case development
4. Test Environment setup
5. Test Execution
6. Test Cycle closure



### What is Software Testing Life Cycle (STLC)?

Software Testing Life Cycle (STLC) is a sequence of specific activities conducted during the testing process to ensure software quality. STLC involves both verification and validation activities.

STLC contains various Phases like

1. Requirement Analysis
2. Test Planning
3. Test case development
4. Test Environment setup
5. Test Execution
6. Test Cycle closure

**In requirements phase ,**

1. we have to go through the requirements analysis and understand documents

2. QA team may interact with various stakeholders (BA/Designers) requirements in detail.

**In Test Planning phase ,**

1. Understanding the In scope & Out of Scope items for the customer
2. Test Plan & Test Strategy document preparation activities
3. Analyzing Test Estimation size & calculating effort in Person-hours
4. discussing on Test Schedules & Test Deliverables
5. Resource planning and determining roles and responsibilities

**In Test Case Preparation Phase,**

1. Test Scenario preparation
2. Query resolution on requirements by BA/Designers
3. Test Scenario walk through sessions to All Project team for formal approval on Test Scenario coverage about requirements
4. Peer reviews & External reviews
5. Taking SignOff & approvals by BA & Clients on Test Scenarios
6. Uploading all Test Cases into HP ALM
7. Uploading all Testing documents in share point by relevant team



## Test Environment Setup

1. Checking and access Test application url
2. User setup , credentials checking & Roles-Responsibility
3. Test Data Preparation activities
4. Checking Interface connectivity & Readyness follow-up ac

## Test Execution Phase

1. Executing Test cases in HP ALM & sharing daily dashboard
2. Logging defects in QC & defect follow-ups with developme

## Test Closure Activities

1. Completing all SIT & FAT Test Execution
2. publishing all out standing defects & Overall Test Exeuc
3. Getting conformation Go/No Go decission by client for the relase deliverables or new features implemented
4. publishing Test completion summary & taking signoff from project team