**SOFTWARE TESTING LIFE CYCLE**

**STLC:**

* Software Testing Life Cycle is the part of SDLC.
* STLC is defined as a sequence of activities conducted to perform software testing.
* Each stage will have entry criteria, activities and exit criteria.

**STLC LIFE CYCLE:**

**REQUIREMENT GATHERING&ANALYSIS:**

**Entry: Contract**

* Understanding the BRD (Business required Document).
* Preparing the query log.
* Walkthrough with BA (Business Analyst).
* Request Application Access.

**Exit: Finalized scope & Access to Application**

**TEST PLANNING:**

**Entry: Scope & Application Access**

* Estimation
* Resources
* Schedule
* Strategy

**Exit: Strategy &Schedule**

**TEST DESIGN:**

**Entry: Strategy &Schedule**

* Prepare Test Scenario
* Prepare Test Cases
* Prepare RTM (Requirement Traceability Matrix)

**Exit: Test Scenario, Test Case and RTM**

**TEST EXECUTION:**

**Entry: Test Scenario, Test Case, RTM, Scenario, Test Data & Stable**

**Test Environment**

* Execute the test cases.
* In case of Issues, Raising the Defects.
* Preparing the summary document.
* Regression testing.

**Exit: Test Result, Summary Document, Defect Log**

**SIGN-OFF:**

**Entry: Test Result, Summary Document, Defect Log**

* Prepare the Closure Report
* Training the real time users
* Handover the project to customers

**Exit: A closure Report**