**Difference between SDLC and STLC**

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| **SDLC** | **STLC** |
| Software Development Life Cycle (SDLC) is a sequence of different activities performed during the software development process. | Software Testing Life Cycle (STLC) is a sequence of different activities performed during the software testing process. |
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| SDLC is mainly related to software development. | STLC is mainly related to software testing. |
| Besides development other phases like testing is also included. | It focuses only on testing the software. |
| SDLC involves total six phases or steps. | STLC involves only five phases or steps. |
| In SDLC, more number of members (developers) are required for the whole process. | In STLC, less number of members (testers) are needed. |
| In SDLC, development team makes the plans and designs based on the requirements. | In STLC, testing team(Test Lead or Test Architect) makes the plans and designs. |
| Goal of SDLC is to complete successful development of software. | Goal of STLC is to complete successful testing of software. |
| It helps in developing good quality software. | It helps in making the software defects free. |
| SDLC phases are completed before the STLC phases. | STLC phases are performed after SDLC phases. |
| Post deployment support , enhancement , and update are to be included if necessary. | Regression tests are run by QA team to check deployed maintenance code and maintains test cases and automated scripts. |
| Creation of reusable software systems is the end result of SDLC. | A tested software system is the end result of STLC. |