**STLC Steps**

1. Requirement gathering
2. Test Planning & Analysis & reviews
3. Test case template designing & reviews (Test Verification)
4. Test environment creation
5. Test Case Execution
6. Result Analysis
7. Report the bug to the developer
8. Bug Tracking
9. Re-testing /Regression
10. If bug is resolved then bug closing else resend.
11. Test Summery Report Creation.

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**Test Plan**

1. Scope Analysis : what is to be tested and what is not to be.
2. How to be tested (Strategies)
3. Identifying the resources and needs.
4. Setting up the criteria for Testing Suspension/Resumption.
5. Identifying the deliverable (documents/artifacts.)
6. Cost-efforts estimation.
7. Activities breakdown and scheduling.
8. Identifying the roles and responsibilities.
9. Identify the training needs.
10. Communication Management
11. Risk Analysis or Management (Identification , mitigation and cure.)

**Bug Life Cycle(BLC)**

1. Identify the bug.
2. Take a screenshot of the bug and its error message.
3. Define the shortest path to reproduce the bug.
4. Set the priority or severity of the bug.
5. Mention the environment for eg. OS,browser,h/w,tools
6. Create the detailed description of bug.
7. Create the subject line of the bug report.
8. Report it to the developer/Test Lead.
9. Bug tracking.
10. Re-Test the solution.
11. If satisfied then close the bug.
12. Else reopen the bug and again send it to the developer.

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