
SDLC STATE: READY FOR DEPLOYMENT

Process of a CR

- ❖ Step 1 (*Planning*)
- ❖ Step 2 (*Ready For Development*)
- ❖ Step 3 (*Development Acceptance Testing*)
- ❖ Step 4 (*Post Development Review*)
- ❖ Step 5 (*Ready for Testing*)
- ❖ Step 6 (*Ready for Deployment*)

Step 1

- ❑ A Change Request is proposed by a Client, Client Services Department or Higher Management
- ❑ A Work Order is assigned by Client Services to that Change Request
- ❑ Analysis discuss the requirements, gathered by the CS team, for this CR and start creating a document
- ❑ Once the document is finalized, it's forwarded to respective Development Team and QA, and a date is proposed for the QA/Dev Meeting
- ❑ Both Dev team and QA review the document, note down their observations and suggestions, for the modification of the CR document

Step 2

- ❑ A QA/DEV Review meeting is conducted, in which all the changes / modifications are discussed , regarding the development and QA.
- ❑ QA and Dev logs bugs in QC, after the meeting, if any changes are required
- ❑ Analysis makes changes in the CR document, according to the discussion done in the QA/DEV meeting and the bugs/queries logged in QC
- ❑ SDLC state of the CR is changed to “Ready for Development”

Step 3

- ❑ CR is then forwarded to the development team (for development), while the QA team gets indulged in writing the test scenarios (data set and environment setup)
- ❑ When the development according to the CR document is completed, CR moves into “Development Acceptance Testing”
- ❑ Developer does the testing (with the Test Scenarios provided by QA resource), and fixes any bug or error that may occur.

Step 4

- ❑ When the testing at the developer end is completed, CR moves into “Post Development Review” SDLC state.
- ❑ PDR (Post Dev Review) is conducted by the concerned analysis person
- ❑ If the development of CR is not according to document, bugs are logged by analysis

Step 5

- ❑ After PDR, comes the “Ready for Testing”
- ❑ First the acceptance testing is performed, for which SDLC state is changed to “Acceptance Testing”
- ❑ If acceptance testing fails, bugs are logged against the developer, otherwise further testing starts.
- ❑ If Acceptance Testing passed, SDLC state changes to “Testing”

Step 6

- ❑ First Test Cycle starts in this phase
- ❑ All the test scenarios are executed, the change request is tested for any bugs and errors, if any bug/error is found, QA Logs bugs in QC, after all the scenarios gets executed
- ❑ An E-mail is sent to developer, regarding the fixes of first test cycle
- ❑ QA verify first test cycle bugs after fixes are received, and then proceed with second test cycle.
- ❑ Testing cycle continues until all the bugs/errors are fixed
- ❑ Once all the bugs logged are marked closed, QA changes the SDLC state to “Ready for Deployment”