



SDLC STATE : QA ACCEPTANCE TESTING

Pre Requisite:

To start Acceptance testing of CR resource must need to check following parameters:

- SDLC State of CR in TFS should be “Ready for testing “
- Branch must be down merged from latest release (Email developer to down merge branch with latest release)
- Latest DB must be attached with branch (create a ticket to SCM to get latest DB with branch)
- Get the Branch from TFS

QA Acceptance Testing

Changes need to be made in TFS:

1. Change the SDLC state from “Ready for testing” to “QA Acceptance testing” in TFS
2. “Tester 1” name must be mentioned in TFS
3. “Testing Start Date” must be mentioned in TFS
4. “QA Estimates(Hr)” must be mentioned in TFS

Changes need to be made in QC :

1. Run Acceptance test scenarios in QC
2. If acceptance scenarios pass
Change the SDLC state from “QA Acceptance testing” to “testing”
Start cycle one of CR
3. If acceptance scenarios fail then
Bugs must be logged in QC against every unique scenario
Email must be sent to developer for Acceptance failure
After getting the fixes from developer verify them and if all scenarios pass then Acceptance testing is successful

SDLC STATE

TESTING

Pre Requisite:

- Acceptance cycle must be passed.
- If bugs are logged during Acceptance cycle, they should be closed before starting Testing.

Testing - Test Cycle 1

1. Change the SDLC state of CR from “QA Acceptance testing” to “Testing” in TFS.
2. Start executing the scenarios in QC. Just click on “Run” when you are starting the execution for the first time.
For all other iterations of cycle one click on “Continue Manual Run “
3. If any scenario is failed then log bug in QC against every unique scenario.
4. After completion of cycle one in QC , email the developer for getting the fixes of reported bugs.

Testing – Fixed bugs verification

Cycle 1 Pre Requisite

1. Defect Reasons must be updated in QC.
2. “Task “ must provided in comments of every bug in QC.
3. All bugs Statuses must be in “Fixed” state.

Testing – Fixed bugs verification Cycle 1

1. Verify the fix of each reported bug provided by developer.
2. If the bug is resolved and its functionality is working properly then close bug after providing comments. e.g., “ bug has been resolved.”
3. If after verification the functionality of bug is not working properly then mention the reason in comments and change the state of bug from “fixed “ to “ open”.

Testing - Test Cycle 2

1. Start executing scenarios in QC
2. If any scenario is failed during second cycle then report bug in QC for second cycle.
3. After the completion of second cycle email must be sent to developer to get fixes of reported bugs.

Testing – Fixed bugs verification Cycle 2

1. Verify the fix of each reported bug provided by developer.
2. If the bug is resolved and its functionality is working properly then close bug after providing comments. e.g., “ bug has been resolved.”
3. If after verification the functionality of bug is not working properly then mention the reason in comments and change the state of bug from “fixed “ to “ open”.

Testing -Test Cycle 2

1. Test cycle 3 must be executed if tester came across new bugs in second cycle.
2. For testing cycle 3 repeat all the steps as mentioned in testing cycle 2.

Testing Completed

- All bugs are closed in QC
- Update TFS
- Enter “Testing End Date” in TFS
- Change the SDLC state from “Testing” to “Ready for deployment” in TFS
- Change QA status to
100% done
Known Issues accordingly

Quiz

- What will be the SDLC state of CR after the testing is completed ?
- when will the tester update the SDLC state to “testing” ? (Give 2 lines answer)
- Explain briefly that when will tester request Dev to down merge the branch. ?
- What is Acceptance testing failure. Explain briefly ?
- What is retro perspective report of a CR ?