

Functional (Manual) testing completion DoD

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No headings included in this document

Objective: To verify that the software application has undergone comprehensive manual functional testing, and all functional requirements have been tested and validated.

Steps:

- **Test Case Preparation:**
 - Verify that test cases have been created for each functional requirement.
 - Ensure that test cases are well-documented and traceable to the requirements they cover.
 - Check that test cases cover various scenarios, including positive and negative cases.
- **Test Execution:**
 - Execute test cases as per the test plan.
 - Document test results, including defects found.
 - Ensure that testing is performed in a controlled and consistent environment.
- **Defect Management:**
 - Track and manage defects/bugs discovered during testing.
 - Verify that defects are reported and categorized
 - Confirm that re-testing is performed for resolved defects to ensure closure.
- **Regression Testing:**
 - Verify that re-testing is conducted after each round of defect resolution covering the feature area to ensure that new changes don't introduce new defects.
 - Document the new implementation covering a new requirement as a test step or a new Test scenario in the regression test sets excluding the new features because it will be covered as per the newly created epic as a task.
- **Boundary and Edge Testing:**
 - Ensure that boundary and edge cases are thoroughly tested to verify the robustness of the system.
- **Usability and User Experience Testing:**
 - Check the usability aspects
 - **if applicable** Check user experience aspects to ensure that the application is user-friendly and meets user expectations.
- **Performance Testing:**
 - **If applicable for the API**, confirm that performance testing has been carried out to assess system scalability.
- **Documentation Review:**
 - Check that all testing activities are properly documented, including test cases, test results, and defect reports.
- **Testing Signoff:**
 - Generate a final testing completion report summarizing the testing activities, outcomes, and any outstanding issues or risks on the ticket level as a comment.
 - Give testing signoff for responsible persons "Developers, Designers, POs" confirming that all functional testing activities are completed and validated.
- **Review and Approval:**
 - Ensure that the testing coverage is reviewed and approved by other test engineers before proceeding with the next phases.

By following this manual functional testing completion, you can ensure that the feature\task\story and other requirements have undergone rigorous testing, increasing its quality and reliability before release.

Alignment with:

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