| **A Test Phase** | **Entry Criteria** | **Exit Criteria** |
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| Sprint Planning | - User stories are well-defined and prioritized in the product backlog. | - User stories are estimated and selected for the sprint backlog. |
|  | - Acceptance criteria for each user story are clearly defined and understood by the QA team. | - Test scenarios and test data are finalized for each user story. |
|  | - Test scenarios and test data are identified for the user stories planned for the sprint. | - Acceptance criteria are reviewed and agreed upon by the development and QA teams. |
| Test Design | - User stories and acceptance criteria are defined and understood by the QA team. | - Test scenarios and test cases are designed based on user stories and acceptance criteria. |
|  | - Test environment and necessary tools for test design are set up. | - Test scenarios and test cases are reviewed and approved by stakeholders. |
|  | - Test data requirements are identified and available for test design. |  |
| In-Sprint QA Testing | - Development work on user stories has commenced. | - All identified test scenarios for user stories are executed. |
|  | - Automated and manual test scripts are prepared based on finalized test scenarios. | - Defects found during testing are logged in JIRA with appropriate severity and priority. |
|  | - Test environment is set up and available for testing. | - Test execution results are reviewed, and feedback is provided to the development team. |
| Sprint Review | - All user stories planned for the sprint have been developed and tested. | - Sprint review meeting is conducted, and tested features are demonstrated to stakeholders. |
|  | - Test execution results are available and reviewed by the QA team. | - Feedback on the overall quality of the increment delivered is provided by the QA team. |
|  | - Identified defects have been resolved or deferred for future sprints. | - Action items and lessons learned are documented for future improvement. |
| Test Closure | - All user stories planned for the sprint have been developed and tested. | - Final regression testing is completed to ensure all defects are addressed and functionality is stable. |
|  | - Test execution results and defect resolution status are reviewed. | - Test closure report is prepared, documenting testing activities and outcomes. |
|  | - Test documentation, including test plans and test cases, is updated and finalized. | - Lessons learned session is conducted to reflect on the testing process and identify areas for improvement. |
|  | - Lessons learned and action items from the retrospective are incorporated into future testing processes. | - Action items for process enhancement and lessons learned are documented and communicated to the team. |
| Retrospective | - Sprint review meeting and user story demonstrations have been completed. | - Retrospective meeting is conducted to reflect on the testing process and identify areas for improvement. |
|  | - Feedback from stakeholders and team members is collected and reviewed. | - Action items for process enhancement and lessons learned are documented and communicated to the team. |
|  | - Test closure activities, including defect resolution and documentation, are finalized. | - The team is prepared to incorporate feedback and improvements in the next sprint. |