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| **Phase** | **Activities** | **Deliverables Outcome** |
| Sprint Planning | - Participate in sprint planning meetings to understand user stories and acceptance criteria. | - Defined user stories and acceptance criteria for the sprint. |
|  | - Collaborate with developers and product owners to discuss testability of user stories. |  |
|  | - Estimate testing efforts and identify test scenarios for each user story. |  |
|  | - Define acceptance criteria for user stories to ensure clear definition of done. |  |
| In-Sprint QA Testing | - Design test scenarios and cases based on the acceptance criteria and user stories. | - Test scenarios and cases defined for each user story. |
|  | - Execute automated and manual tests for user stories throughout the sprint. | - Completed test executions with pass/fail status. |
|  | - Continuously collaborate with developers to provide early feedback on issues. | - Identified defects logged in JIRA. |
|  | - Participate in daily stand-up meetings to provide updates on testing progress. |  |
|  | - Perform exploratory testing to uncover additional defects and edge cases. |  |
| Sprint Review | - Demonstrate tested features during sprint review meetings. | - Reviewed and validated functionality with stakeholders. |
|  | - Discuss test results and provide feedback on the overall quality of the increment delivered. | - Feedback incorporated into backlog for future sprints. |
|  | - Identify areas for improvement and lessons learned during the sprint. |  |
| Test Closure | - Perform final regression testing to ensure all defects are addressed and functionality is stable. | - Completed regression test suite with no critical defects. |
|  | - Document test results, including test coverage, defects found, and overall quality metrics. | - Test closure report documenting testing activities and outcomes. |
|  | - Review and finalize test documentation, including test plans, test cases, and automation scripts. | - Updated test documentation reflecting changes and lessons learned. |
|  | - Conduct a lessons learned session to reflect on the testing process and identify areas for improvement. | - Action items identified for future test process enhancements. |
| Retrospective | - Reflect on the testing process and discuss successes and challenges. | - Action items identified for process improvement. |
|  | - Gather feedback from team members on testing practices and tools. | - Lessons learned documented for future reference. |
|  | - Collaboratively identify areas for improvement and action items for the next sprint. |  |