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CS 250

Sprint Review and Retrospective

Scrum-agile teams have specific roles that help the project succeed. Product owners define and prioritize the product backlog. Working with stakeholders ensures the product backlog matches the project vision. The product owner manages the product backlog to ensure the team works on the most valuable features and meets customer needs. The Scrum Master facilitates Scrum and ensures team compliance. This involves removing obstacles and ensuring teamwork. The Scrum Master helps the team focus on customer value by managing the Scrum process. Each sprint, the development team completes product backlog tasks. This requires teamwork to complete tasks efficiently and effectively. Self-organizing and cross-functional, the development team brings unique skills and knowledge to the project. This helps the team find the best solutions and deliver a high-quality product increment at the end of each sprint. Together, all roles worked flawlessly towards the success of the project. Communication is crucial for the Agile/Scrum to work. During daily stand-up meetings, team members communicate their progress on tasks and any issues or roadblocks they are facing. This allows the team to identify potential problems and work collaboratively to find solutions. For example, "Yesterday, I completed the front-end development for the login page. Today, I'm working on integrating the back-end functionality. However, I'm facing some technical difficulties and might need some assistance." Through this communication, we’re able to help each other, avoid knowledge silos, and help where we can.

The Scrum-agile approach supported project completion even when the project changed direction. The Scrum team quickly adapted to the changes in project scope or direction as one of the core principles of Scrum is adaptability. The team re-evaluated the project goals and adjusted their approach accordingly, which involved reprioritizing the product backlog, redefining sprint goals, or pivoting to a new product direction for the slide show. The Scrum framework is flexible and allowed for these changes to happen as they took place.

Scrum-agile SDLCs emphasize iterative, incremental development and customer value. This method helped finish user stories. User stories are prioritized in the product backlog in Scrum. Sprint planning involves choosing a product backlog subset to work on. The team then divided the items into sprint-ready tasks. The sprint team completes user story tasks. Daily stand-up meetings inform the team of user story progress. The team solves problems. After the sprint, the team delivers shippable product increment with completed user stories. The product owner gives the team feedback on completed user stories. Feedback prioritizes the product backlog for the next sprint.

The team succeeded due to organizational tools and Scrum-agile principles. A product backlog, sprint backlog, and burn-down chart helped the team track progress and prioritize features. The product backlog helped the product owner prioritize features and ensure the team worked on the most important items first. Sprint backlogs helped the development team plan and executed sprint work. Scrum-agile principles like transparency, inspection, and adaptation were used alongside organizational tools. The sprint review and retrospective reviewed product backlog items completed and sprint goal progress. The team reviewed their work and discussed areas for improvement to adapt and change for the next sprint. Daily stand-up meetings, sprint planning, sprint review, and retrospective helped the team collaborate and communicate. Daily stand-up meetings allowed team members to report on their progress, while sprint planning meetings helped the team plan the next sprint. Sprint review and retrospective meetings allowed the team to show stakeholders their work and receive feedback.

Overall, organizational tools and Scrum-agile principles enabled transparency, effective communication, and continuous improvement, helping the team succeed. The team delivered a customer-satisfying project using Scrum and these tools and principles.