Module Seven: Final Project

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Sprint Review and Retrospective

There are several roles of the Scrum-Agile Team that are all equally important. A Scrum- Agile Team consists of a Product Owner, Scrum Master, and the development team, The Product Owner is the link to the development team, stakeholders, and end users. The product owner reports the project’s progress to the stakeholders and delivers any customer feedback or changes to the product. They are also prioritizing and managing the Product Backlog. As a Scrum Master, you remove obstacles and facilitate daily stand-ups. **Scrum Masters ensure the team follows Scrum Theory,** **practices, and rules**. Scrum masters facilitate Scrum events, which includes daily stand-ups, Sprint reviews, and retrospectives. Scrum Masters use these times to coach and create change that increases the productivity of the team. The development team consists of people with different specialties. Development teams are cross-functional, which is necessary to create the product. The team use their skills to develop features that provide high-quality code and functionality. The team acts as a single entity where they act collaboratively and cohesively. The team takes ownership of their work, collaborates on how to approach tasks, and divides responsibility with each Sprint. By utilizing each role, the team was able to deliver and adapt to changing requirements and have transparency throughout the entire project. When the team understands their responsibilities, it leads to a more successful product (Charles G. Cobb, 2015).

Having a Scrum-Agile approach to the software development life cycle (SDLC) helps user stories come to completion by providing a flexible framework that allows for constant collaboration and feedback. The team can prioritize and adapt to changes immediately based on the feedback they receive. Sprint planning allows for the user stories to be broken down into smaller more manageable tasks. During daily standups, the team uses their communication skills to make sure that the entire team is knowledgeable. They discuss current progress and the challenges and collaborate for faster turnaround. When the Sprint is over, during the Sprint review, they take the feedback that is given from stakeholders and make any necessary adjustments. Having a self-organizing team allows for easier accountability and opens communication throughout the entire process. During the review of our product, the team got feedback on what type of locations the client wanted, and we were able to update it easily (The Agile Modeling Method, 2023).

A Scrum-Agile approach supports the project's completion when it is interrupted or changed because it allows for easy adaptation to any change in the requirements. Since the Scrum-Agile approach is flexible, adjusting priorities as new requirements are addressed, the team is constantly focused on the important tasks. Changes could be something as simple as a missed requirement, identifying a defect, a misunderstanding of the requirements, marketplace changes, or adding features. When the requirements for the SNHU travel app changed, the team was able to add the changes to the product backlog and work on it during the next sprint without the entire product having to be started over (The Agile Modeling Method, 2023).

Your ability to communicate effectively with your team is key to your team's success. Daily stand-ups, Sprint reviews, and retrospectives allow for open communication during the entire process. The team is given ample opportunities to share their progress or roadblocks they have. During daily stand-ups the team shares what was done the previous day, what they will work on today, and what roadblocks they encountered. When they ask these questions, it can give transparency and an opportunity to collaborate. When we reviewed JIRA, it showed a great way for the team to have faster communication. JIRA provides visibility into the team’s work, improves time management, and increases accountability. The team can see the status of work, prioritize tasks, and create collaborations through this tool. JIRA allows stakeholders to have visibility into the overall progress of the product (Atlassian, n.d.).

Utilizing a project management board like JIRA can help coordinate and increase efficiency within the team by helping the team plan and organize tasks. JIRA provides a visual representation of the team’s progress and helps them stay on task. JIRA provides a centralized platform to plan and track the progress of the project. This allows the team to collaborate effectively, identify issues, and add new features in a timely manner. JIRA optimizes all of the Scrum events. During Sprint Reviews, it provides a visual representation of completed work and demonstrations, where stakeholders can review and give feedback. The entire team has access to any updates or changes, allowing for timely adjustments.

Scrum-Agile was an effective approach for the SNHU travel project. A Scrum-Agile approach had several pros, including its flexibility to adapt to any requirement changes or new feedback that was given. Scrum-Agile gives the team ownership and an easier way to hold them accountable. When the client decided that they wanted to focus on detox and wellness locations, we were able to quickly update the slide show to reflect the new changes. The cons of this are that there is a greater demand for the team. If there is constant feedback being given it's easy to get sidetracked. This could lead to the product not having a clear vision of what the stakeholders want it to be. The team would end up going in circles making updates and continually having to update more frequently using up resources and causing them to go over budget and time constraints. I do believe that the Scrum-Agile approach was the best approach of the SNHU travel project since the chances weren’t any drastic changes, and we were able to update promptly without having to restart the entire project.

References:

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