CS250 Sprint Review and Retrospective

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CS250 Sprint Review and Retrospective

# A. Demonstrate how the various roles on your Scrum-agile Team specifically contributed to the success of the SNHU Travel project.

**[**Be sure to use specific examples from your experiences.]

The SNHU Travel Destination Project helped to develop a website for vacation bookings based on user interests. Chadatech is a software company that has gone from waterfall methodology to agile methodology. This was implemented throughout the travel project. The project team includes the Scrum Master, responsible for gathering client information and leading scrum meetings. These brief daily meetings will outline project steps and timelines. It also includes a product owner, who helped maintain constant communication with the client, relaying feedback and ensuring project alignment. We also had testers, who collaborated with the product owner to clarify user stories and create test cases. Lastly, we have Developers who also helped write error-free code following best practices, while testers work alongside them to perform software tests and provide feedback for user stories.

# B. Describe how a Scrum-agile approach to the SDLC helped each of the user stories come to completion.

[Be sure to use specific examples from your experiences.]

The best thing about the Agile Method is that it minimizes the likelihood of issues or failures and allows continuous testing, enabling prompt fixes. Using the Agile method for creating user stories was advantageous as it allowed easy incorporation of changes without starting from the beginning. Even though the project was already in progress, we efficiently implemented and modified the top five destinations. Agile provided flexibility to go back to the core code and integrate the desired destination list based on user stories. Agile helps accommodate changes, enabling swift and efficient adjustments to new client requirements without compromising project deadlines.

# C. Describe how a Scrum-agile approach supported project completion when the project was interrupted and changed direction.

[Be sure to use specific examples from your experiences.]

When the project shifted focus towards detox and wellness travel, the Agile Method facilitated seamless adaptation. In a meeting involving the scrum master, product owner, tester, and a developer, the client's preference for detox and wellness destinations was communicated.   
The tester promptly updated the test case to align with the new direction while ensuring its intended functionality. Although the development team had concerns about the changes, Agile allowed us to make necessary adjustments without starting over. The scrum master confirmed that the project deadline would remain unchanged despite the modifications.

# D. Demonstrate your ability to communicate effectively with your team by providing samples of your communication.

[Be sure to explain why your examples were effective in their context and how they encouraged collaboration among team members.]

Initiating early collaboration with the product owner through questions helps establish clear communication, maintain focus, and ensure a productive start. I began by emailing the product owner to foster a comfortable working relationship between the team and the owner. By involving the entire team in email communication, we promoted collective responsiveness and effective collaboration. This approach facilitated active team participation during meetings.

# E. Evaluate the organizational tools and Scrum-agile principles that helped your team be successful.

[Be sure to reference the Scrum events in relation to the effectiveness of the tools.]

When the project changed direction, I emailed both the tester and product owner to inquire about specific locations to be added and whether we should conduct further research. I also requested the tester to create corresponding test cases. These email interactions enhanced collaboration with the product owner and the development team, keeping them informed about the client's detox and wellness requirements. This communication method ensured everyone understood and participated in the ongoing changes. As the Scrum Master, I applied similar communication tactics during our Scrum meetings, emphasizing the importance of active participation and shared understanding within the project.

# F. Assess the effectiveness of the Scrum-agile approach for the SNHU Travel project.

## Describe the pros and cons that the Scrum-agile approach presented during the project.

[Ensure you discuss at least 3 pros and 3 cons. Fully explain how each might impact a project. For potential cons, a good source is Table 12.1 on page 196.]

The product backlog and user stories were essential organizational tools utilized in our project. The product backlog served as a checklist, prioritizing tasks to ensure the implementation of crucial items first. User stories helped in breaking down the project into easier manageable tasks and steps, enhancing project manageability. Adapting to changes was a key Agile principle applied during the project, particularly when the client requested changed to the top five destinations. This adaptability enabled quick implementation of client changes without project delays. As the Scrum Master, I effectively utilized the sprint backlog, product backlog, daily scrum meetings, and sprint reviews, which are very important tools in software development and assist me in team management.

## Determine whether or not a Scrum-agile approach was the best approach for the SNHU Travel development project.

[You should provide a thorough explanation of your reasoning and thought process behind your decision. There is no right answer. If you think Waterfall would have been a better approach for the SNHU Travel project, that’s okay.]

The biggest benefit of Agile is its flexibility, enabling effortless changes and course adjustments based on client preferences without starting from scratch. This was crucial for meeting project deadlines and ensuring our team's success. However, one of the downsides was the additional workload placed on team members, having to reroute what they prioritized in during development. This could have potentially caused stress and a bad workplace environment within the team. Fortunately, the Agile approach allowed us to incorporate changes efficiently by revisiting earlier steps rather than scrapping everything and starting over. Agile fostered effective teamwork and facilitated progress within the sprint timeline. In comparison, the Waterfall Method lacks the flexibility we needed for this project, making Agile the bestl choice for the SNHU project's success.

References

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