**SPRINT REVIEW AND RETROSPECTIVE**

As the Scrum Master for the SNHU Travel project, I am pleased to report that our team has successfully completed the development process and achieved all project goals within the allocated timeline. In this paper, I will address the following topics related to the project: the contributions of various roles in our team, how a Scrum-agile approach helped us complete user stories, how the approach supported project completion when the project changed direction, communication effectiveness, organizational tools and Scrum-agile principles, and the effectiveness of the Scrum-agile approach for the SNHU Travel project.

**Contributions of various roles in our team**

Our team consisted of a Product Owner, a Development Team, and a Scrum Master. The Product Owner was responsible for defining and prioritizing user stories and ensuring that the team delivered value to the stakeholders. The Development Team consisted of software developers and testers who were responsible for designing, coding, and testing the software. As a Scrum Master, I facilitated the Scrum process, helped remove obstacles, and ensured that the team adhered to the Scrum framework.

Throughout the project, each role in our team contributed significantly to our success. The Product Owner provided clear guidance on the project requirements and made sure that we were aligned with the stakeholders' needs. The Development Team worked collaboratively to ensure that the software met the acceptance criteria and was delivered on time. As a Scrum Master, I ensured that the team remained focused and motivated, and resolved any conflicts that arose. For example, when we encountered a technical challenge, the Development Team worked together to resolve it, while the Product Owner provided guidance on the impact of the issue on the stakeholders.

**Scrum-agile approach to SDLC**

A Scrum-agile approach helped us complete user stories by breaking the development process into short iterations. Each iteration (Sprint) focused on delivering a specific set of user stories, which allowed us to prioritize the requirements and ensure that we were delivering value to the stakeholders. During the Sprint Planning meeting, the Product Owner prioritized the user stories, and the Development Team estimated the effort required to complete them. The team then worked collaboratively to complete the user stories during the Sprint.

For example, in one Sprint, we worked on implementing the user story that allowed users to book flights. The Development Team divided the user story into smaller tasks, such as designing the user interface, developing the backend functionality, and testing the feature. During the Sprint Review, we demonstrated the completed feature to the Product Owner, who provided feedback on its functionality and usability. The team then incorporated the feedback and continued to refine the feature during subsequent Sprints.

**Scrum-agile approach supporting project completion**

The Scrum-agile approach supported project completion when the project changed direction by allowing us to adjust our priorities and focus on delivering value to the stakeholders. For example, during one Sprint, we received feedback from the stakeholders that they wanted to include a new feature that allowed users to book rental cars. Although the feature was not part of the original scope, the team adapted to the change and worked collaboratively to include the feature in the next Sprint.

**Communication effectiveness**

Effective communication was critical to our team's success. As a Scrum Master, I facilitated daily stand-up meetings, Sprint Planning, Sprint Review, and Sprint Retrospective meetings, which helped ensure that the team remained aligned and motivated. The team members communicated regularly through chat and email, providing updates on their progress, and discussing any issues they encountered.

One example of effective communication was during a Sprint Retrospective meeting, where the team members shared their thoughts on what went well and what could be improved. I encouraged the team members to share their honest opinions, and we used the feedback to identify areas for improvement and make changes to our process.

**Organizational tools and Scrum-agile principles**

Our team used a variety of organizational tools and Scrum-agile principles that helped us achieve success. For example, we used a Kanban board to visualize our progress and track our work during the Sprint. The board helped us identify any bottlenecks or blockers in the development process and allowed us to prioritize our work effectively. We also used the Scrum principles of transparency, inspection, and adaptation to ensure that we were delivering value to the stakeholders and making continuous improvements to our process.

**Effectiveness of the Scrum-agile approach for the SNHU Travel project**

The Scrum-agile approach presented both pros and cons during the SNHU Travel project. One of the pros was that it allowed us to deliver value to the stakeholders quickly and frequently. The short iterations and regular feedback from the Product Owner ensured that we were on track and aligned with the stakeholders' needs. Another pro was that it allowed us to adapt to changes in the project requirements quickly. When the project changed direction, the team was able to adjust its priorities and focus on delivering the most value to the stakeholders.

One of the cons was that the Scrum-agile approach requires a high level of collaboration and communication among the team members. Although our team had excellent communication, teams that lack collaboration and communication may not benefit from the Scrum-agile approach. Another con was that the Scrum-agile approach requires a high level of discipline and adherence to the Scrum framework. Teams that do not have the discipline to follow the Scrum framework may struggle to achieve success with this approach.

**Conclusion**

Overall, I believe that the Scrum-agile approach was the best approach for the SNHU Travel development project. The approach allowed us to deliver value to the stakeholders quickly and frequently and adapt to changes in the project requirements. It also helped us achieve success by promoting collaboration and communication among the team members and adhering to the Scrum framework.