**Sprint Review and Retrospective for SNHU Travel Project**

As the Scrum Master for the SNHU Travel project, I am pleased to present our Sprint Review and Retrospective. This paper aims to summarize, analyze, and draw conclusions on the work completed during the development.

**Contributions of Various Roles in the Scrum-Agile Team**

The success of the SNHU Travel project can be attributed to the contributions of the various roles in our Scrum-Agile team. The Product Owner was responsible for defining the project scope, prioritizing the user stories, and ensuring that the development team delivered the expected value to the end-users. The development team consisted of the Scrum Master, developers, testers, and designers who worked collaboratively to deliver the user stories in each sprint. The Scrum Master facilitated the Scrum events, coached the team on Scrum-agile principles, and removed any impediments that were hindering the team's progress.

The Product Owner's contribution to the project was evident in the way they prioritized the user stories. They made sure that the user stories that would deliver the most value to the end-users were completed first. Additionally, the development team was able to ask the Product Owner questions to clarify any uncertainties or ambiguities in the user stories, ensuring that they delivered the expected value to the end-users.

The developers, testers, and designers were instrumental in completing the user stories in each sprint. They worked collaboratively, sharing knowledge and expertise, and used agile practices like pair programming to ensure that the quality of the code was high. The Scrum Master was an effective facilitator, helping the team to focus on the tasks at hand and removing any impediments that were hindering their progress.

**Scrum-Agile Approach and User Story Completion**

The Scrum-agile approach was instrumental in ensuring that each user story was completed in a timely and efficient manner. We followed the Scrum framework, which enabled us to plan, develop, and test the user stories in each sprint. During sprint planning, we estimated the amount of work required to complete each user story, which helped us to determine the number of user stories we could commit to in each sprint.

During the sprint, the developers worked on the user stories while the testers provided feedback on the quality of the code. We also held daily stand-up meetings to review progress and discuss any impediments that were hindering our progress. At the end of each sprint, we held a sprint review where we demonstrated the completed user stories to the Product Owner and other stakeholders. This approach helped us to ensure that we were delivering value to the end-users in each sprint.

**Scrum-Agile Approach and Project Changes**

The Scrum-agile approach was effective in supporting project completion when the project was interrupted and changed direction. During the project, we encountered a few challenges that required us to pivot and make changes to the project scope. For instance, we discovered that one of the user stories was not feasible to implement due to technical constraints. We had to work with the Product Owner to identify an alternative user story that would deliver similar value to the end-users.

We also encountered changes in the requirements as we progressed with the development. However, because we were following the Scrum framework, we were able to adapt to these changes quickly. We held sprint reviews and retrospectives after each sprint, where we identified areas for improvement and adjusted our plan.

**Effective Communication within the Scrum-Agile Team**

Effective communication was critical to the success of the SNHU Travel project. As the Scrum Master, I encouraged the team to communicate openly and transparently. We used a variety of communication channels, including face-to-face meetings, video conferencing, and instant messaging tools.

**Assess the effectiveness of the Scrum-agile approach for the SNHU Travel project. Be sure to address each of the following:**

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

Pros:

* Continuous feedback and collaboration: One of the biggest benefits of the Scrum-agile approach is that it promotes continuous feedback and collaboration among team members. The daily stand-up meetings, sprint reviews, and retrospectives provided opportunities for team members to share their progress, identify roadblocks, and discuss possible solutions. This helped to keep everyone on the same page and ensured that the project was moving in the right direction.
* Flexibility and adaptability: Another advantage of the Scrum-agile approach is that it is flexible and adaptable. When the project was interrupted and had to change direction, the Scrum framework allowed the team to quickly pivot and make necessary adjustments to the project scope and priorities.
* Faster time to market: Because the Scrum-agile approach breaks down the project into smaller chunks and focuses on delivering value early and often, it allows for a faster time to market. This was particularly important for SNHU Travel, as they wanted to release the new tools as soon as possible to gain a competitive advantage.

Cons:

* Lack of predictability: The Scrum-agile approach can sometimes make it difficult to predict the exact timeline for project completion. This is because the focus is on delivering value in each sprint, rather than trying to estimate the time it will take to complete the entire project. This lack of predictability can be challenging for clients who are used to a more traditional project management approach.
* Need for constant communication: Because the Scrum-agile approach relies heavily on collaboration and communication among team members, it requires a high level of engagement and participation from everyone involved. This can be difficult to manage, particularly if team members are in different time zones or have conflicting schedules.

**Determine whether a Scrum-agile approach was the best approach for the SNHU Travel development project.**

Overall, I believe that the Scrum-agile approach was the best approach for the SNHU Travel development project. This is because the project was focused on developing a new set of tools that could help the company expand their client base. The Scrum-agile approach allowed the team to break down the project into smaller chunks and deliver value early and often. This helped to ensure that the project was moving in the right direction and that the new tools were meeting the needs of the client.

Additionally, when the project was interrupted and had to change direction, the Scrum framework allowed the team to quickly pivot and make necessary adjustments to the project scope and priorities. This flexibility and adaptability were crucial in ensuring that the project continued to move forward despite unexpected challenges.

While the Scrum-agile approach may have presented some challenges, such as a lack of predictability and the need for constant communication, I believe that the benefits of this approach outweighed the drawbacks. Overall, I think that the Scrum-agile approach was the best approach for the SNHU Travel development project and would be a good fit for future projects at ChadaTech.