CS 250 Sprint Review and Retrospective

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The success of the SNHU Travel project was a direct result of the unique and significant contributions of our Scrum-agile team members. Each member, including the Product Owner, Testers, and Developers, played a crucial role. As the Scrum Master, my primary responsibility was to ensure that the entire team adhered to the principles and values of the Scrum-agile methodology. This involved facilitating scrum events such as sprint planning, daily standup, sprint review, and sprint retrospective meetings. During these meetings, I played a crucial role in fostering a sense of inclusion, maintaining focus, ensuring all necessary topics were covered, and keeping us within the allotted time. Your efforts in these areas were instrumental in keeping the team informed about every aspect of the project's progress, thereby fostering a cohesive environment that supported our goals and provided the team with techniques to collaborate effectively and efficiently, ensuring the delivery of a high-quality product for SNHU Travel.

The Product Owner's role in the SNHU Travel project is pivotal, as they are the primary decision-makers. Their responsibilities include managing the product backlog and collaborating with the client. The Product Owner conducts user interviews to establish solid relationships and gather comprehensive information on the project requirements. This information is then used to create user stories for the travel booking software, ensuring a user-centric approach. The Product Owner's diligent communication and collection of any additional information required from the client or users are crucial in ensuring the delivery of the highest quality outcome for the SNHU Travel project, directly impacting the end user's satisfaction.

The tester's role in the SNHU Travel project was not just crucial, but indispensable. They used the user stories to create test cases, each detailing specific functions that needed to be met to fulfill the project's requirements. This meticulous approach was instrumental in ensuring the end user's satisfaction with the final product. The tester's reference to the acceptance criteria and user story value statement from each user story further ensured that each test case was aligned with the specific details and the main goal guiding the creation of each test case.

The Developer's role involved using user stories and test cases to develop a functional system for the SNHU Travel project. They used this information to ensure the system met all requirements and objectives. Additionally, the Developer maintained open communication with the team to address any need for clarification or additional information. These efforts contributed to the successful delivery of the SNHU Travel project, ensuring client and user satisfaction.

The Scrum Agile method greatly facilitated the completion of user stories in a direct and adaptable manner within the Software Development Lifecycle (SDLC). We used the Scrum Agile approach for the SNHU Travel project to prioritize user stories and figure out critical tasks effectively. This allowed us to distribute time to each task based on its importance. The flexibility inherent in the Scrum Agile approach proved valuable, accommodating any need for more information gathering or changes to the user stories. This adaptability ensured the development of a product that fully met our client's needs.

While developing the SNHU Travel project, we met an unexpected issue that caused us to change course. Luckily, the flexibility of the Scrum-agile approach allowed us to meet the client's request to change the "Top 5 Destinations List." We successfully shifted the focus of the vacations to detox and wellness. We transitioned the layout to a slide show view without significantly changing the existing code. Prioritizing open communication within the team helped us smoothly transition in our new direction. The Scrum-agile approach empowered us to make the necessary changes while sticking to the project timeline for successful completion.

Throughout the SNHU Travel project, our team supported effective communication. As the Scrum Master, I ensured that our meetings covered all necessary information and facilitated each event. One effective communication strategy we used was to start our daily standup meetings with each team member, including myself, answering three key questions: What did I accomplish yesterday? What are my goals for today? What challenges am I facing? This approach informed everyone about the project's progress and contributed to achieving our collective goals.

We also effectively used email as a method of communication. We promptly sent an email whenever a team member needed clarification or more information. This helped us work together as a team and improved the quality of the SNHU Travel project. Communicating via email was convenient and professional. It enabled us to schedule in-person meetings more efficiently and encourage collaboration among team members.

The sprint review meetings were held before each sprint to set the overall goal and decide on the user stories. The product backlog was also discussed and organized in these meetings. Daily standup meetings allowed the team to check in and stay updated, helping the team make progress and achieve success. Embracing the Scrum-agile principle of variability and uncertainty allowed us to adapt to the changing direction we met during the SNHU Travel project and succeed as a team.

The most beneficial aspect of the SNHU Travel project was the adaptability of the Scrum Agile approach. It allowed us to accommodate the client's request to focus on detox and wellness without disrupting our progress. Although it initially raised some concerns, the flexibility of the Scrum Agile approach facilitated efficient and successful collaboration within the team. In conclusion, we devised the best strategy for the SNHU Travel project by leveraging flexibility and fostering effective communication.