Ivan Isip

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CS250 – Sprint Review and Retrospective

**Applying Roles**

In the SNHU Travel project, I took on different roles within the Scrum-Agile team, and each one helped us move the project forward.

As the Scrum Master, I led the team’s daily check-ins and made sure everyone followed the Scrum process. This helped keep things running smoothly and allowed me to fix any issues that were slowing us down.

As the Product Owner, I focused on the most important tasks (user stories) and made sure the team worked on what mattered most for the client. I also gathered feedback from stakeholders to improve the product throughout the process.

As a Development Team Member, I worked with the team to complete tasks. I helped with planning and refining tasks to make sure both the coding and testing went smoothly.

All of these roles worked together to make sure the project stayed on track from the start to the finish.

**Completing User Stories**

Using the Scrum-Agile approach really helped us get the user stories done. Because we used Agile, we could adjust the requirements as we worked, which helped us avoid big problems.

For example, in Module Four, I learned that Scrum breaks big tasks into smaller, easier ones. By focusing on smaller pieces, we were able to finish features regularly. Working together as a team made sure we could meet the client’s needs without feeling overwhelmed.

**Handling Interruptions**

During the project, we had to deal with interruptions like changes in what the client wanted and team availability. Using the Scrum-Agile process made it easy to handle these changes.

In Module Five, I learned how Scrum’s flexibility helps with mid-project changes. For instance, when the client asked for changes to the SNHU Travel booking system, we easily adjusted the plan and added those changes without causing delays.

**Communication**

Good communication was key to making sure the project succeeded. Throughout the project, I stayed in touch with the team through sprint reviews, daily check-ins, and retrospectives to keep everyone on the same page.

In Module Six, I learned the importance of keeping communication clear and open. For example, as the Scrum Master, I used tools like Slack to keep everyone updated on progress and issues. This open communication helped us collaborate and finish tasks on time.

Here’s an example of the kind of communication that helped:

* **Daily check-ins**: “Today, I’m working on the login feature but having trouble with the API. Can someone help me later?”
* **Sprint reviews**: “The booking system is working now, but we need client feedback to finalize the payment system.”

These quick updates helped solve problems and kept things moving.

**Organizational Tools**

We used several tools to stay organized during the project. Tools like Trello and Jira (simulated) were important for tracking tasks and progress. They kept everything in one place, so everyone could see how the project was moving along.

In Module Seven, I learned how these tools fit into Agile events, like sprint planning and reviews. With Trello, we kept the task list (backlog) organized, and Jira helped us track the progress of tasks during each sprint. These tools made sure everyone knew what they were responsible for and when things were due.

**Evaluating Agile Process**

The Scrum-Agile approach had its good and bad sides during the SNHU Travel project.

On the positive side, Agile was flexible, so we could quickly adjust to any changes. This was important because the client’s needs kept changing. Also, Agile encouraged teamwork, especially during our daily check-ins and reviews, which kept everyone focused on the project’s goals.

On the downside, Agile can be hard to get used to, especially for those who are new to it. The constantly changing tasks also made it hard to stay completely certain about the project’s direction, and we had to constantly adjust.

Was Scrum-Agile the best approach? Overall, Scrum-Agile worked well for this project. It allowed for regular feedback and quick changes, which helped us meet the project goals. While we faced some challenges, the benefits of using Agile were much greater than the drawbacks, making it the right choice for this project.

**Conclusion**

The Scrum-Agile approach played a critical role in the successful completion of the SNHU Travel project. From applying different roles to handling interruptions, the methodology supported flexibility and collaboration at every stage. The use of organizational tools and effective communication further contributed to the project's success. While there were some challenges, particularly with the learning curve, the overall Agile process proved effective in delivering a high-quality product within the project's time frame.