

## **Sprint Review and Retrospective**

In the role of a Scrum Master for the Travel project, I played a critical part in guiding the adoption of an agile Scrum approach over five weeks. Agile methodologies were adopted through several events, including Sprint Planning involving setting the project's end state and breaking down requirements into prioritized tasks. Routine Daily Scrums were scheduled to foster communication and ensure accountability among team members. Backlog Refinement ensured priorities aligned with the project end state, and Sprint Reviews and Retrospectives at the end of each sprint to highlight completed work and areas for improvement.

For example, during a particular sprint, unforeseen technical challenges arose, requiring the team to quickly adapt. The team was forced to change the website from a list form to a slide show. The daily stand-up was an important forum where the team responded to the change, showcasing the agility and adaptability inherent in Agile methodology. This event contributed to the success of the SNHU Travel project by enabling collaboration and problem-solving in the face of unexpected changes.

In the role of the Product Owner who was responsible for the travel booking software, active engagement with users and stakeholders was critical in guiding the project's direction. Insights gained from focus groups were turned into user stories, providing a vision for the development team. An example of this was when specific features like search filters and personalized top destinations were directly communicated by user feedback in a focus group.

This direct connection with users and stakeholders fostered collaboration, creating a partnership that will be the foundation for long-term success. User stories were effective in communicating user needs, however sometimes lacked technical details and constraints. This gap in knowledge highlighted the importance of communication between roles to bridge information gaps and improve the overall development process.

In the role as the Tester, developing comprehensive test cases was crucial for ensuring the quality and reliability of the software. The user stories, particularly insights gathered in the focus group, played a crucial role in crafting these test cases. However, challenges arose when critical information, such as technical specifications, was missing from the user stories.

For example, in the testing phase, details on constraints including technical specifications, and existing issues with the current system were not given. This information gap created a challenge in creating a more comprehensive testing approach. To address this, communication with the development team, Product Owner, and stakeholders became crucial. Coordination through interviews or planning meetings became critical to gather essential technical details for an effective testing strategy.

As the Developer, the goal was to translate user stories into a high-quality software for the SNHU Travel project. This role required targeting requests to both the Product Owner and Tester for a deeper understanding of the new focus on detox/wellness travel.

For example, during the transition to a focus on detox/wellness travel, I requested information from the Product Owner pertaining to specific features and functionalities expected in this category. Regular meetings were scheduled with the Product Owner and Tester to discuss changes, ensuring our development efforts aligned with the dynamic goals. The agile methodologies played a significant role in supporting this approach, allowing for continuous communication, adaptation to changes, and the ability to dynamically reprioritize tasks without missing the overall project timeline.

In conclusion, each role within the Scrum-agile framework played a crucial part in the development of the SNHU Travel project. The experiences and lessons learned provide valuable insights for the broader adoption of the Scrum-agile approach across ChadaTech's development teams. From fostering a culture of adaptability and collaboration to actively engaging with users and stakeholders, the Scrum-agile methodology proved effective in navigating challenges and delivering a successful project outcome.