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CS250

Final Project: Retrospective

During the SNHU Travel project, there were various roles on the Scrum-agile team that contributed to the final product. The team consisted of a Scrum Master, whose job is to oversee the team guidelines and the schedules. The Scrum Master is also in charge of the daily team meetings when updates are given to each team member. These meetings give each team member an update on their status and help the group move forward. One of the primary duties of the Scrum Master is to collaborate with the Product Owner to determine the next steps. The Product Owner needs to be continuously in contact with the client and customers, knowing and understanding their requirements, to provide further guidance in the project. Understanding will make it easier to collect the data, or user stories, required for the team's progress. The team then can establish priorities within the project using the user stories.

The development part of the team is typically made up of a few more members grouped as the developers and the product testers. The developers and the product testers should use the information provided in the daily scrum meetings and effectively communicate any progress and/or changes that are being made. The information received from the Product Owner would be very important for the developers and testers, to make sure everyone is on the same page for the client. The Scrum-agile approach allows the team to continuously develop and test components of the final product, to make the changes that the client needs in a timely manner.

A Scrum-agile approach assisted with the completion of the user stories because there is a consistent line of communication between the customer, the Product Owner, and the rest of the team. This approach also supports quick modifications if the client decides to add or change something. The client's introduction of new needs highlighted Agile's adaptability. We were able to quickly and effectively make these changes thanks to the technique without endangering the project's schedule. Christy, Ron, Brian, and one of the developers met when the project's emphasis moved to detox and health travel. The decision to redirect the project was announced during this meeting. To ensure the test case's effectiveness, Brian swiftly changed it to reflect the revised direction. Although the development team first expressed some apprehensions about the change, Agile's guiding principles eliminated the necessity for a total restart. Instead, we were able to review and change the critical elements.

As the client altered the top five destinations, adaptability became a major topic throughout the project. This flexibility turned out to be really useful because it allowed the team to incorporate the required alterations without generating project delays. The Agile methodology's built-in flexibility was its most notable benefit. Due to our flexibility, we were able to change course and steer the project in the direction the client had requested without having to start over again. This factor played a crucial role in helping us successfully complete the job on time. It's crucial to remember that this flexibility is not without its difficulties. Team members would likely have to put in more effort to adapt, which could be frustrating and complicated. The crew was able to successfully traverse these difficulties despite the possible obstacles. The framework of Agile gave us power.

Through revisiting previous stages of development, we were able to quickly incorporate modifications thanks to the structure of Agile, avoiding the need for a total redesign. Our team's cohesiveness was bolstered by the collaborative aspects of Agile, which helped us successfully complete the sprint cycles. While Agile allows for flexibility, the Waterfall Method does not. We may not have been able to respond to client requirements as quickly if we had been using Waterfall, which might have jeopardized the project's success as a whole. The Agile Method ultimately proved to be the best option for the SNHU Project, allowing us to adjust, work together, and succeed within the limitations.