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February 19, 2023

Professor Dantzler

CS 250

Sprint Review and Retrospective

Throughout the duration of the SNHU Travel project, I had the opportunity to work alongside various members of my Scrum-agile team as they took on a variety of roles to ensure the project ran smoothly. Christy is our Product Owner for this project. Her main priority was ensuring the Product Backlog was updated consistently. Christy initially met with the client during a meeting with Ron, our Scrum Master. She gathered feedback from the client as she was in constant communication with them and relayed any information obtained to the team in case there were changes that needed to be implemented into the project.

As the Scrum Master, Ron, led and managed the Scrum Team daily. He held Daily Scrum meetings every day, that were 15 minutes in duration, where the team was able to discuss the projects progress. Ron also took this opportunity to communicate the projects outline, the steps needed to complete the project and provided a timeline for the projects estimated completion date. Nicole was our Developer for SNHU Travel. Her primary responsibility was establishing the client's expectations and completing deliverables.

Once a portion of the project was completed, Brian, our Tester, worked alongside Nicole by creating and performing tests on the software to ensure all code ran successfully without any errors. Brian also had the responsibility of communicating with the Product Owner, to obtain clarification on specifications on the user stories to create the test cases.

The agile method helped each of the user stories come to completion as this approach has a lower probability of providing inaccurate results. This method, compared to the Waterfall method, provided the Scrum team with the flexibility to constantly test different portions of the project, which allowed them to make any necessary changes in a timely manner. As an example, the team was able to implement changes to the top five destinations selection, even though this portion had already been completed. The Developer was able to back track into the code to make the necessary adjustments that were noted in the user stories.

During a meeting held by Christy and Ron, the development team was informed that the client decided to shift their focus for SNHU Travel to provide detox and wellness destinations. As the tester, Brian was able to update and recreate a new test case reflecting the new focus of the project and ensure that the project was still within the timeline initially set prior. Due to the nature of the agile method, the development team did not have to erase the work already completed and start from scratch. The development had the opportunity to rework the code they had previously written and update it to reflect the new changes requested. Due to this flexibility, the Scrum Master was able to confirm that the project deadline remained the same and interruption would not affect the deadline at all.

Please review the following email sent to the Product Owner to discuss changes mid-way into the project:

Dear Christy,

The Development Team has reviewed the new plan you provided. We have decided that due to the changes being requested we are going to migrate to an agile methodology to ensure the projects process runs smoothly moving forward

and if additional changes are needed, we will be able to implement them accordingly. With that being said, I would like to request additional background information on the changes made to better understand the expectations and requirements of this product. I am available Tuesday at 3:00 PM to discuss this information further with you. I look forward to hearing from you! Have a great day.

Sincerely,

Ashley Hernandez

This email was crafted as opportunity to glean more information from the Product Owner to get clarification on the new focus of the project and ensure that the team was on task. This provided a great opportunity to collaborate with the Product Owner, effectively improving communication and requesting to meet in a timely manner to ensure the project deadline did not get delayed.

The Product Backlog and the use of User Stories provided our team with the most success. The product backlog and user stories go hand in hand as they create a list of tasks needed to be completed. The Product Owner was able to put the most important task at the very top to ensure those items were implemented into the project first. The user stories further provided the development team the ability to break down the project requirements into smaller chunks and in an easy-to-understand format.

Overall, the agile method proved to be very beneficial for the SNHU Travel project. Having the ability and flexibility to make and implement change at ‘the drop of a hat’ was extremely beneficial. It was crucial to the success of the Scrum team to be able to make those necessary changes without much hassle. Without the agile method, the Scrum team could have

easily fallen victim to frustrations over the surprise changes and no time to make those changes, which in turn would have delayed the project and failed the clients expectations.