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SC-250 Software Development Lifecycle

Project 2

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**SNHU Travel Project**

**Sprint Review and Retrospective**

The project owner of the project worked well with communication between the client and the scrum team. The requirements of the client were relayed and received well. The developers created the pages in which the client initially wanted with the destinations by type, by price limit, and a personalized list that was derived from the users’ interests based on their recent trips and searches. The testers were able to test the product after each iteration and were available for troubleshooting during the development process. I was able to ensure that each member was supplied with what was needed and that all deadlines were met, even with the change of course when the client introduced a change in their vision.

The Scrum-agile approach was the best option for the user stories. While the project was not very complex, it was very loose with no strict definitive requirements. This allowed the team to create the best possible product for the client based on what their users wanted to see, while allowing space for any changes to be received and implemented. As there were changes in the vision of the client with the wellness and detox destinations, this proved to be true.

The Scrum-agile approach supported the project completion when changes were introduced from the client to the product owner by allowing these changes to be made without altering our timelines. With the scrum meetings that ensued, we were able to make the necessary changes and change the direction of the project with very little effort. With the agile methodology, most of the coding remained the same and we did not have to restart the entire project up the point that the change was introduced. We were able to implement the change, complete the testing and deploy the product, all while remaining within our initial deadlines.

The communication within the team was flawless. The requirements relayed by the client were clear and concise, and they were delivered to the team in the same manner. I was able to communicate with the developers to provide all the feedback possible to ensure that everyone was on the same page and each problem could be resolved as a team to ensure the best possible product was developed. I communicated with the testers to ensure that they were readily available to the developers as to complete the testing when ready to meet all deadlines. I communicated with the product as to ensure that the team remained on track to meet the vision and the requirements of the client.

For this project, the organizational tool that was used was Jira. Jira is a web-based application that was used to manage our work. From this application the team communicated by creating stories in the backlog bucket; where we placed work that needed to be completed in the future. This is also where we would report bugs as need also. We also used lucid chart to create a GANTT chart to ensure that all members were aware of the work that was in progress to ensure that all deadlines were outlined and met.

While all principles of scrum were used, we will touch base on value-based prioritization and collaboration, as these were performed very well. The team acknowledged what the users were looking for in the system and created the best possible product for our client based on the needs and wants of their customers. The team worked together in all aspects to ensure that all of these requirements and deadlines were met.

The Scrum-agile approach for the SNHU Travel project was the most effective route. While the agile approach allows for a lot of flexibility and moving parts, ultimately allowing the possibility for faults and error, it also allows for the team to work together so that these can be overcome quickly, and changes can be made. The perfect example was in this project when the client decided to go another route with system to adjust to their new vision. If we were to use anything other than the Scrum-agile approach, there would be a lot more rework (possibly the entire project) and it is very likely that deadlines would be missed, resulting in a disappointed client, and possibly failed project. Therefore, I believe the Scrum-agile approach was the best option for the SNHU Travel project.