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CS-250

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Module Five

**Final Project**

The roles in the scrum agile team directly impacted the success of the project due to collaboration amongst members in order to finalize user stories. In addition, the agile methodologies being flexible in nature was the driving factor to the success of the travel project.

The scrum agile approach helps in the software life development cycle by allowing constant improvement during different stages of the project. The product owner is responsible for conducting meetings with the client and passing down the information to the scrum master who then informs different part of the team the task being brought forward. The developer analyses the requirements and the project and product code while the tester verifies the codes work efficiently. I think that Chada Tech should shift all the development team to a scrum agile approach

A scrum agile approach is incredibly flexible. It allows quick adaptation among team members to effectively make changes quickly. When the scope of a project is changed midway through development because of the scrum agile nature the developers are able to adapt without major hindrances. Let’s say the client wants something changed midway. The whole project is not on hold because different parts of the team are working on multiple aspects of the project at once. The client being implemented will most likely be worked on by one or few then incorporated into the project as if nothing ever happened.

Amongst the team collaboration is imperative more specifically communication. In the development of a product things constantly change which means the team members must be in communication about these changes. Things like daily scrum meeting where everyone’s input is understood can go along way to the success of the project. The print retrospective is a vital asset to the team because it allows for the team to reflect at the end of each sprint and identify any major issues that can spill onto the next sprint. The sprint retrospect also allows the product owner to review the backlog and what might be needed.

Daily scrum events at 8 am or before the shift start helped to keep everyone on task and identify what need to be completed. It also allows for the scrum master to check for anything that can slow down or hinder the progress of the teams. Creating a realistic schedule can help understand the scope of the task for each user which allows proper management of resources and time. In terms of resources, backlog refinement is important that it stays up to date each week. It would look bad on the team as a whole when resources are not available to complete the task.

One aspect of the SNHU Travel Project that the scrum agile approach was able to help us with was when the client requested changes based on new user data. The developers and testers worked closely to add the changes necessary while keeping in good communication to run test and provide feedback. Compared the waterfall method the changes would have been implemented that quickly. The scrum agile approach allows each part of the project to remain open even if the team is done working on it.

Amongst the pros of the scrum agile approach are flexibility, adaptation, collaborative effort, and positive work culture. The cons of the scrum agile approach are that it can be difficult for team to adapt to and incorporate right away. It may not be the right approach for every project.

The SNHU Travel project was broad. It had many components which calls for individuals with specific skillset. The scrum agile method made perfect sense in being the structure in which it was executed. The project was not a simple one in which require a few people without any changes during the cycle. I think the scrum agile method was the best for the project due to these reasons.