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CS 250 Final Project

The Scrum-agile team contributed to the success of the SNHU Travel Project by having all team members working together and communicating effectively. When working together, the team was able to generate user-stories that helped the effectiveness of the project’s information. The Scrum-agile approach was quite effective in demonstrating continuous iteration of development and testing throughout the software development process. The scrum-agile method became very popular because it is best suited for working with larger projects, it allows the client to have constant updates with no wait time, and the requirements to fulfill agile are seemingly dynamic.

The Scrum-agile approach to the Software Development Lifecycle was successful in completing the user stories for the SNHU Travel project. The roles of the Scrum-agile team proved effective because it encourages products to be completed faster. From gathering requirements, to analysis, to creating design and development, the testing and deployment stage, SDLC proved effective. Based on my experiences with the Scrum-agile method, ChadaTech should shift to Scrum-development because it was successful in completing the user stories. The roles of the Scrum-agile team specifically contributed to the success of the Travel Project. Since agile teams are small in nature, it allows for effective communication that ChadaTech could benefit from.

The Scrum-agile approach supported project completion when it was interrupted or changed direction by allowing the team to adapt and make changes effectively. Because Scrum teams should have 7 or less members, it allows for changes to be made quickly. When the client changed the scope of the project, the team was able to quickly adapt their plans and continue development without major obstacles. Because the team was able to work together effectively and efficiently, they were able to meet all the deadlines set by the client.

Communication is integral during any collaborative effort, but it is especially important in the Scrum-agile environment because the team is constantly changing and evolving. One aspect that is effective within teams is the scrum meetings. Scrum meetings are 15-minute meetings set daily where the entire team gives updates on where they are at in the project. The meeting helps to keep everyone on track and updated as they work on the project. Another aspect of communication that is seen within the Scrum-agile method is the Sprint review. The sprint review is a meeting that is held at the end of each Sprint, where the team reviews the work that was completed during the Sprint and demos the work to the stakeholders. This meeting is important for receiving feedback from the stakeholders and for ensuring that everyone is on the same page. The final aspect of communication that should be discussed is Sprint Retrospective. This is a meeting that is held at the end of each Sprint, where the team reflects on the work that was completed during the Sprint. This meeting is important for ensuring that the team is constantly improving and for identifying any impediments to the team’s progress.

Some organizational tools that were used in for the Scrum-agile principles that helped my team be successful were as follows:

* Planning and estimation: Planning and estimation techniques were used to help us understand the scope of work for each user story and task, and to create a realistic schedule for completing the work. This helped us to be successful by ensuring that we did gather too much information that we cannot handle.
* Stand-ups: Regular stand-ups are held to keep everyone on the team up to date on the work that was being completed, and to identify any obstacles that were blocking progress. This was useful because we were able to assure everyone that we are all on the same page, working on the same goal.
* Retrospectives: Regular retrospectives were held to help reflect on the work that was being completed. The Retrospectives ensured that we were constantly learning and improving and were able to resolve any issues that arose.

The Scrum-agile approach was effective for the SNHU Travel project because it allowed us to move quickly and efficiently through the development process, allowing us to deliver high quality products to the client.

While the Scrum-agile approach helped us create a high-quality project, there are pros and cons to the method.

* Pros: Very flexible and can be adapted to many different situations. High quality products are produced, there is better control, reduced risks, and continuous improvement.
* Cons: Lack of intensity on necessary designing and documentation, it can be hard to predict at times, the final product is not released first, some documentation gets left behind, and the cost of the project is not always fixed.

The Scrum-agile approach was the best for the SNHU Travel Project because it allows for better communication between team members as well as more flexibility to make changes to the project. Additionally, the Scrum-agile approach helps create a cohesive and communicative corporate culture.