Chada Tech

SNHU Travel Project: Sprint Review and Retrospective

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**How the various roles on my Scrum-agile Team specifically contributed to the success of the Travel project**

Each agile team member plays an essential role in a project. The various roles on our Scrum-agile team specifically contributed to the success of the Travel project by collaborating with each other to wrap up the user stories. The successful execution of the SNHU Travel project shows that our team was able to adopt and effectively utilize the Scrum-agile approach to software development.

The Product Owner served as a liaison between the client and the Development Team. The Product Owner outlined the specifics of the project to be carried out. The role is also responsible for creating and prioritizing User Stories to add to the Product Backlog.

The Scrum Master was responsible for assisting the Product Owner with creating and keeping up with the Product Backlog while making sure everyone in the Scrum team was aware of the requirements and the status of the product development. The Scrum Master expedited the Sprint Planning to inspect the user stories and decide if they are implemented in the sprints. While working on the project our team applied the planning poker estimation technique during the Sprint Planning. Using the poker estimation technique allowed us to figure out the amount of work we will allocate for each User Story. As soon as we decided on the features to implement, we started working on the project. The Scrum Master conducted daily Standups for everyone to talk about their tasks. That said, the role of the Scrum Master was to be the proponent of the Agile methodology.

The members of the Development Team, including Testers, collaborated with each other to work on the planned features and create test cases to squash any possible bugs. The Development Team was a critical part of the Agile team as it was directly responsible for creating the product and providing the business value to customers.

**How a Scrum-agile approach to the SDLC helped each of the user stories come to completion**

The Scrum-Agile approach to software development was successful in completing the user stories for our Travel project. Using this approach enabled our team to separate crucial functionality within the project. Planning a software product is always an extremely elaborate and sophisticated process. To succeed a team must be able to separate the development of intricate pieces of the product into smaller increments. User Stories are used to succinctly describe the tasks to the users and the Development Team. In addition to that, they are meant to describe the requirements and separate product functionalities and their purpose. Moreover, they answer the who, what and why questions of the product.

**How a Scrum-agile approach supported project completion when the project was interrupted and changed direction**

It is expected of Agile projects to have a certain level of unpredictability. Utilizing the Scrum-Agile approach allowed our team to accommodate the changes efficiently and in a timely manner. For instance, when a client altered the extent of the project halfway through the development process, our Agile team managed to adapt the tasks and proceed working on the product without any breaking changes or issues. Our team did a great job finishing the project utilizing the Scrum-Agile approach. The team was able to collaborate efficiently and was able to meet all the requirements requested by the client in time.

**My ability to communicate effectively with my team**

Communication allows to cultivate a balanced environment of clarity and collaboration. It is instrumental in any collective work. That said, communication is an essential part of any Scrum-Agile environment where teams are always transforming and evolving. Daily stand-up meetings are one of the major elements of communication in a Scrum-Agile team. During these meetings each member of our team shared a quick update on the tasks they were working on the previous day, the things they are working on today, and any obstacles they are facing. Daily stand-up meetings kept the team on the same page and guaranteed each team member knew what others were working on. Another major element of communication in a Scrum-Agile team is the Sprint Review. During these meetings at the end of each Sprint our team reviewed the finished tasks and demoed the working product to the stakeholders. Sprint Reviews helped collect the valuable feedback from stakeholders and for everyone to stay on the same page about the product delivery. Last but not least, we conducted Sprint Retrospective at the end of each Sprint where we expressed our thoughts on the work we accomplished and pointed out any areas where we could improve.

**The organizational tools and Scrum-agile principles that helped my team be successful**

There are many ways for a team to transition to Scrum-Agile. For this project, we used Jira. Jira helped us manage separate tasks, create tickets, and squash any possible code bugs. Jira is an excellent tool to stay efficient and transparent in a distributed team. Our team also used Zoom and WhatsApp to hold remote meetings and Daily Standups. These applications served as a modern and alternative way to information radiators.

**The effectiveness of the Scrum-agile approach for the SNHU Travel project**

The Scrum-agile approach utilized during the SNHU Travel project was beneficial and effective. It accelerated the pace of our team, enabled us to be efficient throughout the development process, and allowed us to stay flexible. Using this approach, we avoided unnecessarily risks and prevented the possibility of missing the deadlines and the client’s requirements. At the end, we managed to deliver a high-quality product to the client. At the same time, the Scrum-Agile approach has many pros and some cons. The Scrum-Agile approach is flexible and can be tailored to different scenarios. This approach also cultivates collaboration and allows to create a cohesive balanced work environment. That said, the Scrum-Agile approach is not always easy to incorporate, and it may not work for some projects. I believe the Scrum-Agile approach was the most optimal approach for the SNHU Travel project. It allowed our team to improve our communication and be more transparent and adaptive to changes this project offered.

References

Charles G. Cobb. (2015). *The Project Manager’s Guide to Mastering Agile: Principles and Practices for an Adaptive Approach.* Wiley.