**Sprint Review and Retrospective**

Scrum-agile team defines three important roles that make up the entire team: Product Owner, Scrum Master and Developers. Product Owner main objective is to maximizes the value the product creates while the Scrum-agile objective is to ensure the scrum framework is followed. Developers on the other hand are responsible for designing, creating, and maintaining the project based on the requirements gathered by stakeholders and user stories. Developers also must assure the product quality and its maintainability.

Scrum-agile approach to the SDLC helps achieve all the requirements and compilation of all users’ stories by breaking down the workload into smaller manageable tasks throughout the team. Scrum-agile approach also promotes a continuous iteration of development cycle and testing throughout the development lifecycle where each member knows his duty, the time frame and all the constraints. For example, having a daily scrum meeting will help keep the team in sync with each other and be ready for any sudden change required. Since each big task is divided into small sprints, the Scrum-Agile team has a good amount of flexibility and can adapt to any change compared to the Waterfall approach. For example, in SNHU travel, due to market shift the project requirement changed which could result in conflicts and delays but because of the Scrum-agile approach, the team were able to shift and adapt to the changes with minimum loss very quickly.

Worth noting, Scrum-agile teams cannot be successful without establishing a strong communication between team members. With the daily and weekly meetings, developers, scrum master and product owner can listen to each other problems and collectively come up with the effective solution. In SNHU travel, we can see the value of communication and its effectiveness especially after the requirements changes which helped the team adapt and accomplish the project without any delay.

Flexibility, adaptability, quality improvement, customer satisfaction and other principles of agile we used to in SNHU Travel example to deliver the highest value to stakeholders. Also using the organizing tools like GitLab for issues reporting and code tracking or creating information radiator (Scrum board) are some of few tools that contributed is the succession of SNHU project.

Bellow are the advantages and disadvantages of Scrum-agile approach for SNHU project:

|  |  |
| --- | --- |
| Advantages | Disadvantages |
| * Designed for dynamic requirement | * Difficult to understand compared to Waterfall approach |
| * Highly Adaptive | * Difficult to estimate the cost of the project |
| * Allows phases with specific deliverable and review process | * Training and skill required |
| * Improved Quality | * Requires Organizational Transformation |
| * Customer Satisfaction |  |
| * Employee Satisfaction |  |
| * Low Cost |  |
| * Easy to mange |  |

Scrum-agile approach is one of the best approaches to SNHU Travel project simply because SNHU Travel is seasonal service provider where the time and delivery are very crucial. Also, SNHU Travel has series competition in the market that requires quick market response to any changes which makes Scrum-agile a perfect approach due to it adaptive nature compared to Waterfall approach.

References

Role of scrum master in daily stand up (daily scrum, Daily Huddle, morning roll-call). Yodiz Project Management Blog. (2017, October 10). Retrieved January 19, 2022, from https://www.yodiz.com/blog/role-of-scrum-master-in-daily-stand-up-daily-scrum-daily-huddle-morning-roll-call/