**Southern New Hampshire University**

**7-1 Final Project**

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**CS250- Software Development Lifecycles**

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**Sprint Review and Retrospective**

SNHU Travel, a top provider in New Hampshire for ten years. They plan to release their travel website in five weeks, right before vacation planning season are exploring different ways to expand their reach by offering attractive vacation packages that will appeal to people all over the United States.

We created a team called Scrum-Agile for our SNHU Travel project. This team had four members, each with different roles: Christy was the Product Owner, Brian tested the project, I was the Scrum Master, and Nicky was the Developer. Our teamwork allowed us to use our unique skills, and different perspectives, and handle problems proactively. This helped us complete the project successfully and efficiently.

As the Scrum Master, my role was to facilitate Scrum events, lead daily meetings, and ensure a safe work environment. I made sure that each team member was comfortable and confident in their respective roles, and that everyone had the necessary resources and support to complete their tasks efficiently.

Christy organized the product backlog meticulously and worked closely with stakeholders to establish project goals and objectives. She ensured that all the requirements were aligned with the project's vision and that the product backlog was updated regularly.

Brian was responsible for ensuring that all the test cases were thoroughly evaluated and aligned with user stories. He ensured that the testing phase was conducted with precision and accuracy, which resulted in the development of high-quality products.

Nicole was our dedicated developer who created a product increment every sprint and ensured that the work was of the highest quality. She was responsible for coding, testing, and debugging the program, and she made sure that all the product increments were delivered on time.

To meet the user's requirements, such as having a list of top destinations readily available, we employed the Scrum-Agile methodology to complete the corresponding user story. This approach allowed us to work together as a team and communicate regularly to make ongoing improvements.

The Scrum-Agile approach is a project management methodology that has gained immense popularity due to its ability to effectively manage projects. It provides a structured and flexible framework that allows teams to achieve success, even in the face of disruptions or unexpected changes. This approach emphasizes continuous improvement, collaboration with stakeholders, and delivering value incrementally. By breaking down the project into smaller parts, Scrum-Agile allows teams to adapt to changes effectively. This method is especially useful when there is a need to change the direction of the project. Scrum-Agile helps the team stay focused and achieve successful outcomes by prioritizing tasks, tracking progress, and ensuring that everyone is aligned with the same goals and objectives.

An excellent example of the Scrum-Agile approach in action is the SNHU Travel management project. Recently, the team received new information and decided to prioritize detox/wellness vacations over other stories in the Product Backlog. To ensure that everyone was on the same page, the team held a meeting to discuss the changes, emphasizing the importance of effective communication to promote collaboration and transparency. This resulted in a more efficient and effective team dynamic, where each member contributed equally towards achieving the same objectives.

Applying Scrum-Agile principles and using project management software like JIRA, Trello, or Azure Boards can greatly improve productivity, teamwork, adaptability, and value-driven outcomes of a team. These tools allow teams to easily manage tasks, allocate resources, and maintain open communication throughout the project lifecycle. Teams can improve their productivity and achieve project success by utilizing these effective solutions.

In summary, The SNHU Travel project can greatly benefit from utilizing the agile approach, as it allows for quick adjustments to changes in requirements and promotes team flexibility and adaptability. By implementing this approach, stakeholders can be involved and provide feedback, which ultimately leads to a successful outcome. With its focus on delivering a high-quality travel experience for users, the agile approach assists teams in making smart decisions that drive the project forward. Overall, selecting the agile approach is a wise decision that can ensure the success of the SNHU Travel project.

References:

Patel, B., & Written byBhaval PatelBhaval Patel is a Director (Operations) at Space-O Technologies. He has 20+ years of experience helping startups and enterprises with custom software solutions to drive maximum results. Under his leadership. (2023a, May 9). *6 stages of Agile Software Development Process: Visual Guide*. Homepage. https://www.spaceotechnologies.com/blog/software-development-process/