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CS – 250

CS 250 Final Project

A Scrum team contains several essential roles, each playing a necessary part in the Agile development process. The team normally includes a Product Owner, Tester, Developer, and Scrum Master. The Product Owner serves as the relationship with the customer, gathering information to understand their requirements and requests for the product. Developers then translate these requirements into actionable tasks, working closely to guarantee the product aligns with the client's expectations. Once a task is completed by the developers, it moves to the Tester, whose responsibility is to evaluate whether it meets the client's specifications. Testers work together with developers to improve the product and guarantee it aligns with customer requests. A strong understanding of customer requirements is necessary for testers to effectively fulfill their tasks. In the Agile team, each role has a unique and crucial function, contributing collectively to the conclusion of the final product for the customer. Having experienced each role throughout the course, I can verify that they involve specific skills. As a Product Owner, creating user stories proved valuable in prioritizing product features. In the Developer role, I crafted a presentation on the top five destination places with detailed descriptions. Meanwhile, as a Tester, my role involved evaluating completed work to determine if it met the necessary standards for development. Embracing each role provided a thorough understanding of the Agile team dynamics and the unique skills each role brings to the table.

Adopting a Scrum-Agile approach proved instrumental in finalizing the user stories, as it facilitated effective communication between the product owner and the customer. This communication ensured that essential information was gathered to complete the product, and the product owner could seamlessly convey this information to the entire team. The approach also proved beneficial when changes were necessary for the user stories, providing flexibility for any additions or changes requested by the customer. While working on creating user stories, I found it particularly advantageous as I could revise the stories developed earlier in the course to better align with evolving requirements.

The scrum-agile methodology facilitates adaptability by permitting changes to be implemented in the project. Agile is essentially adjusting towards adjustments, enabling revisits to any project aspect if adjustments are needed. Renowned for its flexibility, the agile approach proves highly effective in addressing interruptions. When confronted with the need for project modifications, I found it seamless to execute changes without unnecessary hesitation. In instances where interruptions occurred, the agile methodology made it straightforward to return to the project and rectify any issues.

Ideal communication within the team involves posing questions that encourage each team member to contribute their thoughts. This approach advances a cooperative environment, allowing insights from everyone on the team to be shared. It serves as an effective means to gauge the team's progress on the project, aiding in the gathering of valuable information for the task list. This collaborative discussion mirrors the group scenario where we were tasked with posing questions about best practices for specific roles. While numerous communication methods exist, the key lies in selecting the most suitable one to benefit the entire team.

A guiding principle that contributed to the success of both me and my team was maintaining a clear focus on our goal. This commitment served as a constant source of motivation, propelling us to persistently work towards project completion. By keeping the goal at the forefront, we were less susceptible to distractions that could impede our progress. This approach allowed each team member to work at their own pace while ensuring alignment with the overarching objective.

Utilizing sprint planning emerged as a valuable tool in this context. A well-thought-out plan provided the entire team with clarity regarding project status and the direction we were heading. Effective planning streamlined our workflow, preventing potential complications that might arise if individuals worked independently without a cohesive strategy. Therefore, meticulous day planning significantly contributed to the smooth progression of tasks.

The use of the Scrum-Agile methodology proved very effective during the SNHU Travel project. The benefits of this approach became apparent when I faced mistakes, providing a straightforward means to implement necessary changes. The method was not only easy to learn but also facilitated the seamless completion of the project. While there were challenges, such as difficulty in finding suitable photos for the slideshow, the overall adaptability and ease of understanding compensated for these obstacles.

Despite the occasional challenge in photo selection, the Scrum-Agile approach was accessible and fast to grasp. I firmly believe that opting for a Scrum-Agile approach was the most appropriate choice for the SNHU Travel Project. It simplified the project workflow, particularly for those inexperienced with the methodology. The flexibility it offered allowed for easy correction of errors, making the entire process effective and ultimately contributing to the project's successful completion.