**Sprint Review and Retrospective**

**Demonstrate how the various roles on your Scrum-agile Team specifically contributed to the success of the SNHU Travel project**. Be sure to use specific examples from your experiences.

The Product Owners role on the Scrum-agile Team were to set up user stories and prioritized the product backlog and communicate with the users to allow for clearly defined goals and requirement for the travel booking software. The Acceptance Criteria and User Story Value Statements document allowed for the Product Owner to create an accepted way to the product backlog to get organized as well as easily lay out the requirements of different user stories with the end goal in mind.

The Development Team contributed to the success of the SNHU Travel project in several ways. The biggest way is in the production of the project, and being able to quickly adapt to new user input to focus on “detox and wellness vacations”. As a developer the agile methodology allows for more flexibility in the development approach because estimation practices, like story points, break down large requirements into smaller functional elements.

The Scrum Master’s role in the Scrum-agile team is to take charge of daily Scrum meetings and work as servant-leader between the Product Owner and Development Team. During daily stand-up Scrum meetings, the Scrum Master keeps the meeting organized and within the set time frame.

**Describe how a Scrum-agile approach to the SDLC helped each of the user stories come to completion**. Be sure to use specific examples from your experiences.

User stories are vital to the Scrum-agile approach because it establishes the requirements in a language that both the user and developers can easily understand. This is important because user stories are meant to be short and to the point, which allows for more detailed communication to take place face-to-face between users and the product owner. These more detailed communications lead to interviews/user meetings with the product owner. These meetings are the driving factors of what gets added to user stories and how the product backlog get evaluated.

**Describe how a Scrum-agile approach supported project completion when the project was interrupted and changed direction**. Be sure to use specific examples from your experiences.

The Scrum-agile process handles the interruption and change of direction extremely easily. This is evident when the Product Owner was able to come directly to the Scrum Team with the “detox and wellness vacations” changes from the client. With clear communication it allowed for the team to be more efficient allowing all members of the team to work concurrently instead of sequentially.

**Demonstrate your ability to communicate effectively with your team by providing samples of your communication**. Be sure to explain why your examples were effective in their context and how they encouraged collaboration among team members.

**As a Developer:**

To: Product Owner & Tester

Subject: Moving Forward

Dear Product Owner & Tester,

Based on where we are with the current features and the new plan moving forward there is a little more information, I need so that I can begin the development process. I will need the updated backlog and updated story points for new features and requirements. I will also need confirmation that as items get completed of the backlog that the functionality is correctly implemented.

Thanks,

Tony Chiesa

**As a Product Tester:**

To: Product Owner

Subject: User Story Clarifications

Dear Product Owner,

I've looked over your user stories and am working on test cases for the various features to see whether the product passes or fails. I need a little more information so that I can create my test cases with more detailed metrics. Could you please respond to the following questions for me?

**User Story Two**

• Is there a dollar value top end user input value, and if so, what is it?

• How should the app respond when an invalid range is entered? Does it notify the user that something is wrong?

• Are we going to allow the user to specify a price range or are they predetermined ranges?

**User Story Three**

• Should any of the information within Profile Settings be mandatory on each account?

• How are vacations saved to the Wish List? Is there a quick add button or does the user have to be looking at a specific location?

• How are the recommendations based on profile settings displayed? Is it on a unique page or is it within the settings page?

**User Story Five**

• How is the Hot Deal price and savings displayed to the user?

• Is the Hot Deal button bring the user to a new page or should the hot deals always be displayed as a header or within the sidebar?

Thanks,

Tony Chiesa

**Evaluate the organizational tools and Scrum-agile principles that helped your team be successful**. Be sure to reference the Scrum events in relation to the effectiveness of the tools.

Our team was successful because we were able identify a few key factors quickly. First was our time to market, the requirements were organized in an iterative process where our team efforts were more concurrent rather than sequential. Second was our focus on user satisfaction, our engagement with the users in the collaboration process and being able to receiving direct feedback and updates allowed us to succeed. Finally, the last key factor that allowed our team to be successful was our productivity. The Scrum-agile process is optimized for the project and promotes face-to-face communication to solve problems.

**Assess the effectiveness of the Scrum-agile approach for the SNHU Travel project**. Be sure to address each of the following:

Describe the pros and cons that the Scrum-agile approach presented during the project. Determine whether or not a Scrum-agile approach was the best approach for the SNHU Travel development project.

Some pros of the Scrum-agile approach are development practices like continuous integration and code refactoring, pair programming, and test-driven development are all natural ways for a dev team to work to produce the final product. These practices, while specific to one part of the agile team, promote open communication that makes the entire team more efficient. A con of the Scrum-agile approach for this project was our team was not centrally located. Being separated does make some communication harder to plan and face-to-face communication is not possible.

For this project the Scrum-agile approach worked great and was the best approach for the SNHU Travel development project. This process promoted client participation, created an organizational structure for management and the development team, and it allowed for the project to scale and change efficiently welcoming changes as it progressed.