**SDLC- Final Project**

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.

* 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.

When using the agile scrum approach, team members could come together at scrum meetings or sprint reviews to share their process and any issues they were experiencing when trying to complete their user stories. During these meetings, other team members were able to offer their assistance in helping to complete the user stories.

* 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.

When the project was interrupted by a change in the project direction, the agile scrum method played a huge role in allowing the development team to meet the project deadline. Using the agile method allowed the development team to be able to deprioritize other stories in the backlog so that the focus could be on completing the project by the deadline.

* 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.

One instance that showcases my ability to effectively communicate with my team was my email to the product owner Christy. For example;

**User Story One**

● Should the list be ordered from top to bottom or bottom to top?

● Did you want a specific title font or size?

● Should the listing information be above or below the images?

In this sample, I was able to request more information from the product owner about the requirements of user story one. This example was very effective as it specified the exact information that was needed in order to complete the user story. The product owner was then able to provide all the requested information.

* 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.

The organizational tools that helped my team to be successful were the user stories and the test cases. The user stories. The user stories helped the team determine the project requirement and acted as the building blocks of the project.

The test cases gave the tester more clarity on specifics that they needed to be testing for to ensure that the project would run smoothly once released.

Lastly, the agile principles that best helped my team were welcoming changing requirements and ensuring that the developers and the business people were working together daily. The SNHU travel team had to learn to efficiently work with members outside of the development team in order to complete and meet the project requirements. We also had to embrace change when we were tasked with a new project direction.

* 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.
* Some pros of the agile method presented during the project were;
* Adaptability- Using the agile method the SNHU Travel team was able to adapt and make changes to the project when the project direction was changed.
* Ease of collaboration- The agile method allows the development team and the clients to work more closely together and make revisions to the project as needed.
* Timely delivery- When using the agile method the team was able to prioritize and deprioritize different user stories so that the deadline could be met for the release of the project.
* Some cons of the agile method presented during the project were;
* Lack of predictability- The agile method does not provide any surety, there are constant reviews and revisions being made to the project at different phases and as such it is hard to predict overall costs and release dates.
  + Determine whether or not a Scrum-agile approach was the best approach for the SNHU Travel development project.

The scrum-agile approach was the best approach for SNHU Travel. Since the client was not fully committed to a specific concept for the Travel website the agile method was the most appropriate method. This method would allow the development team to make changes as they were needed. Had we chosen the waterfall method such changes would have been a lot harder to implement. The agile method allowed for the project to be completed by the deadline as we were able to deprioritize certain users' stories in order to meet the deadline. Had we chosen the waterfall method the lengthy process of development for the new changes would have pushed the deadline back.