**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.**

Project Owner- In review of the project, our project owner did an outstanding job keeping the lines of communication open with the client. The interview and check in interview helped to gauge satisfaction and keep the team informed. The user stories that the product owner created and helped triage importance kept the team on task.

Scrum Master- The Scrum Master helped keep the team on task in the daily standups, by keeping communication open and being the custodian of accountability. This was a small enough project that really, the whole thing was just one sprint, so there weren’t multiple to do or review.

Developers- This project was dev heavy. Not to say it was a heavy project, but the code and the UI comprised the deliverables. Any good dev knows that at any moment the mount Everest of a code problem they finally solved can become obsolete in a flash when the stakeholders come back with new or altered requirements. The devs on this team didn’t have a life altering change to code, but the agile framework helped ease the changing requirements, where a waterfall method could have led to a scorched earth remake of the entire code. It’s possible the devs could have closed out the code with no quick way to alter it.

Testers- The testers really just got to test the devs work. Not too much to report. Good job testers.

**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.**

The user stories by use of our Azure board were able to be monitored and requirements updated real time. We didn’t have to wait for someone to physically get into a building to write something up. With eh user stores the devs made the code and the testers built their test cases. They even referenced old test cases on the new requirements to update their test cases.

**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.**

Natural lines of communication and meetings lead to the ability to shift gears with requirements. We did not have to do a final review of the original code from the original requirements. We were able to change the requirements mid work and get the stakeholders what they requested. Via email, Azure and stand ups, everyone was virtually on the same page immediately.

**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.**

Here is an email I sent out to my Product Owner and testers regarding additional requirements:

Product Owner,

I’ve been told that the project is shifting to a slideshow format that is not embedded in the website. I need exact expectations for the connectivity of this separate slideshow app and the finance API’s. Is the slideshow simply a UI tool for visibility or are we connecting the entire cart and checkout system to this stand alone app?

QA,

The code that was used to make the slideshow used some formatting from the previous iteration of the project. My concerns is readability of font colors and spacing. Please not only check functionality, but human readability as well.

The sooner I can get these from each of you is the sooner I can get pull request together for the next deployment and for further user stories. If I don’t head back I’ll ask about it in stand up.

Dev

This emails served two purposes. It updated requirements for individuals and kept the product owner abreast of changes to team members requirements.

**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.**

Out team utilized Azure Dev Ops, and used the work items to stay up to date. A white board may be nice for physical meetings, but the virtual solution of Azure keeps every single team member on the bleeding edge of being up to date. User stores were not only updated here, but in the history we could see the old requirements and use them to create the new stories and test cases.

**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.**

Pros- We delivered the product to the client’s satisfaction. We were up to date and no requirements fell through the cracks.

Cons- It was a small enough project that there was some redundancy in the PO and SM’s duties. This project was small enough that it did not fully take advantage of agile processes.

**Determine whether or not a Scrum-agile approach was the best approach for the SNHU Travel development project.**

There is no question that this was the best approach. Even though it did not take full advantage of Agile, it would have been stunted by using waterfall. The change in requirements are almost a certainty in any project, so agile cannot be recommend enough.