**7-1 Final Project:**

**CHADA TECH SPRITN REVIEW AND RETROSPECTIVE**

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**CS 250: Software Development Life Cycles**

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**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.

Everyone on our Team at ChadaTech has been crucial in the success of the SNHU Travel Project, now that we have begun using this Scrum-Agile Framework. I believe there was outstanding performance from our Product Owner Christy, working diligently in keeping up communication with our team, officiating meetings with us, and keeping everyone in line by providing the product backlog and helping each member to stay up to date with their workload. Ron, Scrum Master, was a major benefaction for the agile team, constantly maintaining communication at an all-time high, such that he was the lead of all of daily scrum meetings which helped us in being self-organized. The Developer on our team, Nicole, helped manage all the tasks that needed to be filled on the user stories and to stay on track, held up great communication with Christy. With her role on the team, she produced a high quality and high functioning software, in which the tester, Brian, helped aid in immediate feedback, finding bugs and making corrections. Overall, each member played such a beneficial and crucial role that we could not have succeeded in providing the SNHU Travel site to Amanda, in the way we did, without each of their efforts.

**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 Scrum-agile approach was very beneficial for the turnover of the user stories. During the third week of our sprint, we had received the initial User Stories that were put together by our Product Owner. She had a face-to-face meeting with users of the current travel site where she gathered their input and requests for the travel site, such as ‘Top destinations’ and ‘customized views.’ The requests were associated with a User ID, a priority level, and size, through a Product Backlog. From here, the User Stories were worked on a little more, where the developer would be able to see types of functionalities they needed to provide, called the ‘acceptance criteria.’ The Agile approach helped aid in creating these user stories, due to the openness of communication between the Product Owner and the Users.

**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.

Our project had gone through one cycle of development, where Nicole had produced a well-functioning site. The User Stories help aid her in the way she created the site, however, was true, that our stakeholders had a few more insights in which we did not deliver when the first launch of the site was finalized as the requirements for the product changed. With the Agile approach, the team was very ready to adapt to that change and made the team made a smooth turn around in being able to aid in correcting that change such that continuous workflow and correction is encouraged. It seemed as if we had given the site in a List View, whereas it was requested the site be changed to a sideshow viewing. The additional feature allowing the client to use the slideshow view was modified, and I think the Scrum-agile approach gave us this flexibility where we can provide our client’s needs, where the waterfall method had lacked this aspect.

**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.

*To: Christy*

*Subject: User Story Clarifications*

*Dear Christy,*

*After receiving the user stories that were sent over to me, I would like to ask for a few more details regarding the stories you have sent me. I have begun to create test cases and want to make sure I have all the necessary information so that we can produce the best possible product for our client, Amanda. If you would be able to answer the following questions at your earliest convivence, it would be greatly appreciated! … - followed by requests and clarifications.*

Above is a small piece of what communication looked like within our team. This was an email which was sent from the developer, Nicole, to the Product Owner, Christy. After giving the product backlog and user stories to Nicole, she had simply needed a few more clarifications on the user stories. The email was lengthier, so I had cut off the clarifications needed as I am to explain the importance of this communication. Throughout the entire Sprint, the team went back and forth communicating their needs to aid the project forward. Everyone did a great job in asking proper questions and they weren’t afraid to reach out for help on a specific task. Communication was seen heavily throughout the team members and between the Product Owners and our client and stakeholders/users. We would not have been able to function as a team in this scrum agile framework without the consistent communication that is seen above.

**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.

On major organization tool that our team used was our daily scrum meeting, keeping everyone up to date on the progress and allowing us to better organize ourselves. We used sticky notes on a board where we had prioritized different tasks at the beginning of the sprint, and this was a great way we could see our progress and timeframe. When someone presented an issue or reason for a delay on their specific task, it seemed there was also a quick solution where someone else would be able to join in and help. This quick conversation amongst our members at the daily standup greatly benefitted our team in being self-organizing and efficient in our daily work.

**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 a Scrum-agile approach was the best approach for the SNHU Travel development project.

For this SNHU Travel Site, it seemed that there was a major developmental change halfway through the project in which the Scrum-agile approach presented itself to be a major help in the way we were able to adapt to the change that needed to be set in place to give our client what they had wished for. It seemed that the only con was the fact we were all new to the process, as I think it would have been a much smoother process if the entire team had been trained, having agile experience under their belt. Other than this, the Agile framework worked well, and I would encourage the rest of the company in applying these methodologies. With the change that had occurred halfway through the project, I could see that this agile method being the better option to go with such that it gave our team the flexibility to change and adapt to our clients needed in producing the travel site within a given time frame and I would not believe any other methodology working as well as this one had for our team.