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CS 250 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.

- Throughout the entire development process of the SNHU Travel project I have assumed many roles and responsibilities. Reflecting on the different roles and responsibilities, and the success around the roles. The product owner kept a close connection with the user and relayed any information and/or changes to our scrum master and developers. The scrum master helped set up meetings with the development team and testers to ensure the project was going in the right direction and help resolve any issues. The developers worked through various test cases during the sprint while keeping the scrum master informed, and the testers used the information from the scrum master to generate and utilize the test cases.

* **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 to the software development lifecycle helped the user stories come to completion by being adaptable to the users need, while also focusing on the project backlog and resolving/reallocating resources.

* **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 approach supported the project completion even with interruptions and directional changes because this method is primarily focused on adaptability and quick alterations. During the SNHU Travel project, the user completely changed the style of the project. Going from a focus on top travel locations to top health and wellness locations, we had to completely rework our approach. Had we been using the waterfall method; this would have been a much larger hurdle to achieve.

* **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.

- Communication is key to any teamwork-based project. During the collaboration with my team as the Product Owner, I was able to reach out to the user and clarify any information that my development team/scrum master/testers had. As the user updated me, I was able to update the product backlog to reflect any changes or alterations. Being a scrum-master, I can take the product backlog during our daily/weekly scrum meetings and share any changes or concerns with my development team and testers. Communicating during each meeting the quality and assurance of each member’s work, I will be able to help reallocate teams to ensure we meet deadlines and create a product the user needs.

* **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 tool that we used for our Scrum-agile project was Jira. This tool helped my team plan, track, and manage their work. It helped us organize the project and helped me prioritize and assign certain tasks to members of the team. While the project board ensured we worked on the correct tasks, it also helped the team keep complete transparency and resolve any bugs that the team encountered.

* **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.

- The Scrum-agile approach for the SNHU Travel project ensured we could adapt to the users’ needs. Being able to quickly focus on changes and ensure quality and efficiency of our work. It also allowed for increased transparency and helped us deliver our work more quickly. The biggest issues we faced using the scrum-agile approach was the transition from waterfall methodology to the scrum-agile method. This requires the team to go through extensive training and can often be overwhelming. It is also much more difficult for larger teams and requires a great degree of communication amongst the team. For the SNHU Travel project, the Scrum-agile approach was the best approach because of its adaptability. The waterfall method would not have been able to adapt to the users requests as easily and could have potentially put the entire project in jeopardy. As long as my team has communication skills, adaptability, and drive for collaboration. We can finish any project and meet any deadline.