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CS250

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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.

A scrum team consists of a Produce Owner, a Scrum Master, a Tester, and a Developer. Our team has come together to successfully deliver the SNHU Travel project. Christy the Product Owner, Ron the Scrum Master, Brian the Tester, and Nicky the Developer each fulfilled their role well to complete this project. Christy gathered user stories, connected with the customer, and helped prioritize the backlog. Ron kept the team on track and coordinated/mentored all levels. Brian ensured the tests were up to date with changing requirements to help development. Nicky helped score the backlog and create the product to deliver. All of their efforts tied together to produce the final deliverable for the customer.

* **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.

Moving to a scrum-agile approach helped communication as well as the team’s overall ability to give a successful product. One instance to note is when the customer came back with additional requirements. If they had been using a waterfall methodology, this would have caused the team to have an extensive change or must restart the entire project. Either of these outcomes would cause an increase in cost and likely need to ask for a larger budget.

* **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 iterative nature of a scrum-agile approach allowed the team to switch trajectories and continue forward. Specifically, the change of requirements by adding a feature mid-Sprint made the completion of the project more difficult. The team overcame this by doing their best to quickly get tests made and start development. A sprint usually has a certain number of points based on the team’s regular performance. It did add difficulty to increase the workload for the sprint, but it should be manageable to a certain extent for one medium issue to be added. We finished in time, but it is something we should do our best to prevent going forward.

* **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 main communication that stands out to me for being helpful was emailing Christy early on to ensure a proper understanding of the user stories. I had also asked for a better understanding of how the website worked and the order of the menus and such. This was vital for me to have confidence in the product I was delivering. I take pride in my work and that confidence is something I need to have before giving to a customer. Without that correct understanding, the team could have taken the development in the wrong direction and had to go back to fix or restart some parts of production. I had asked Christy for a better understanding of our user stories to ensure my deliverable was a product I was proud of.

* **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.

My favorite tool to use and the one I think to be the most useful and versatile is the daily scrum meetings. This can be used in nearly any environment to increase workflow and improve overall efficiency. I believe that the scrum meetings allowed us to bring up issues and squash barriers earlier than otherwise. I have recommended using scrum meetings or daily standups in several environments and successfully implemented them to increase efficiency and process satisfaction.

* **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.

The scrum-agile approach was very beneficial to our team for this project. A pro is that it allowed us to handle changes and it maintained our efficiency through development. It also allowed for fast production and a product in the hands of the customer in a short timeframe. A con of agile is that it takes a lot of communication to make sure everything is done correctly since it is not all decided and documented before development.

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

A scrum-agile approach was the best approach to this project and allowed the team to be efficient and adaptable enough to overcome the changing requirements. Ideally, the team would not have to deal with the scope of the project changing in the middle of development, however, I believe they were more able to handle it since they were using a scrum-agile approach.