Abby Ramatowski

Software Development Lifecycle

04/16/21

Sprint Review and Retrospective

Each of the roles of the Scrum-agile team contributed to the success in the SNHU travel project. The Scrum Master, who acted as the facilitator for the team, organized meetings, created the framework for the meetings, and lead the meetings. During the SNHU travel project, the Scrum Master lead the sprint planning meeting and the daily scrum. The Scrum Master made sure that all members contributed to the meeting by asking that they all answer the following questions: What did you accomplish yesterday? What will you accomplish today? What are your barriers? The Product Owner relayed the user stories, created the product backlog, and organized the tasks based on priority. The tester created pass/fail criteria for each user story. The developer developed the working program that met all of the requirements for the SNHU travel website.

The scrum-agile approach helped the user stories come to completion. The product owner created the user stories based on the requirements set by the customer. Then, the product owner prioritized the user stories and organized them in the backlog. This information was given to the tester, who used the requirements in the user stories to create pass/fail criteria. The developers then used the user stories and the pass/fail criteria to create a working program. At any time, if a developer or tester needed clarification on the user stories, they would email the product owner who could contact the customer for clarification.

Members of my team demonstrated effective communication skills. For example, when the tester needed user requirement clarification, they sent the following email to the product owner:

To: Product Owner

Subject: User Story Clarification

Dear Product Owner,

While reviewing your user stories, there is some more information that would be helpful in developing the test cases. Can you answer the following?

User Story 3:

Can you give me more details on the mobile app?

Should this app offer everything that the website offers or only a portion of it?

Should the app hold location tracking so that it can suggest travel destinations based on the user’s current location?

If it does hold location tracking, should it also offer suggestions for things to do while traveling based on the user’s locations?

Sincerely,

Abby Ramatowski

When the developer had some requests of the product owner, they sent the following email:

To Product Owner,

The development team would have some requests for you that involve customer requirements, product backlog, and feedback:

* We were told that the customer wants a mobile app. Does the customer want the mobile app to offer everything that the website does, or do they want anything left out or added to make the program more mobile-friendly?
* What level of priority is the mobile app development in terms of the other items on the product backlog?
* What kind of feedback can you give us on the display of the top 5 wellness/detox vacations?

Sincerely,

Abby Ramatowski

Some of the tools and principles that helped my team be successful included various types of communication including daily stand up meetings, and use of email. Being open and prepared for change was a beneficial principle, as there were changes being made during the project. Finally, early and continuous delivery of working software was an important principle in this project.

The scrum-agile approach supported project completion when the project changed direction. One of the major aspects of agile is that it promotes flexibility. Therefore, when change in the requirements were made by the customer, all members of the team were prepared and knew how to handle that change. When a customer had a change in a requirement, the product owner made adjustments in the product backlog. The tester then made changes to the pass/fail criteria, so that the developers knew exactly what needed to be done for the program to work and meet the requirements.

A scrum-agile approach was the most beneficial approach for the SNHU travel project. This approach set up an effective organization of various roles and each role completing their part of the project together while collaborating with the customers and each other. This approach was more effective than a waterfall approach because it cut out much of the planning that would have been required and, when changes were made to the project, it could be efficiently adjusted and continue working rather than having to re-plan.