Dante Trisciuzzi
10.12.2022
CS-250-T1130 SNHU
Prof. Cory Thoma, Ph.D

Final Project (Chada Tech /SNHU Travel) Sprint Review & Retrospective

Our Scrum-agile team worked together over the course of the sprint, keeping flexibility in mind. The product owner worked directly with the client's customer base to determine what tasks were most important for the rest of the team to focus on, and took kindly to feedback when a team member needed more information. The testers and developers practiced pair programming and concentrated on individual 'bite-sized' tasks, allowing for a very tight feedback loop between the team members. The scrum master facilitated and organized the work environment, ensuring the team was well equipped and clear of external issues. These factors contributed to the overall success of the sprint.

The Scrum-agile approach allowed the team to complete user stories in an organic and intuitive manner. In the case where multiple user stories had similar prerequisites, the agile organization process, backlog, and task planning system allowed the team to focus their efforts on individual components. These components would be cross-utilized throughout the entire application. This means that these pre-requisite items had more thoroughly defined requirements before development started. Several of the user stories for SNHU travel relied on a solid implementation of a user control panel; once designed and implemented, many user stories became simple feature tasks.

Making a shift or regression during development has the potential to disrupt the flow of the project significantly. This disruption is mitigated by some agile concepts; having small

individual work items, team communication, and a short feedback loop. For instance, when we

needed to make the pivot to detox/wellness travel packages for the SNHU Travel project, we did

not need to re-write much of the code base. Since our development tasks were concise, we

needed minimal overall changes, and because we had a small focussed team, we were able to get

more details on user stories and the specific changes from the product owner. All of this, coupled

with daily scrum meetings and open forum communication made for a more-or-less seamless

shift in the product.

My team had some issues with communication; primarily keeping everyone on the same

page. While attempting to communicate via email, some team members were left out of the loop

since they were not used to regularly checking their email. The quick remedy to this issue was to

start up an open forum for the team. This environment has a couple of key benefits: organization,

permanence, and transparency. The open forum gave our team a platform to communicate about

the product development cycle in an easy-to-use and permanent way. This means we did not

need to scribe meetings, and that our communications were easy to look back on. Aside from the

open forum, team members communicated independently with one another during the

development process as needed.

Our team employed the use of various tools and strategies that helped us to be successful.

We collaboratively used a priority tracking tool for product backlog and task management.

During our daily scrum, the testers and developers reported the status of each current task; this

helps the product owner and scrum master in their constant re-evaluation of task priorities and

effort costs. We also practiced pair programming; while this means that fewer tasks are being

Dante Trisciuzzi
10.12.2022
CS-250-T1130 SNHU
Prof. Cory Thoma, Ph.D
completed simultaneously, it also means that code is rarely looked at by only one person,

reducing bugs and issues significantly. These practices brought the team together as a whole as

we learned the ins-and-outs and skillsets of the individual team members.

The transition from the waterfall model to Scrum-agile was controversial among the

employees at Chada Tech, and I'm glad to be a part of the pioneering team. One of the biggest

concerns when switching to an agile approach is the loss of specialization within the

development team. Some employees who might have a small skillset may feel like they aren't up

to par with other members of the team; but the agile approach averages the team to accurately

assess effort and the cost of tasks. The agile approach encourages collaboration, which ultimately

benefits everyone. Besides inherent team building, the scrum-agile approach provides the

development team with a flexible framework built around communication and preparedness. The

SNHU Travel project benefited greatly from a variety of Scrum-agile concepts, namely

flexibility. The ability to work in small focussed sessions gives the development team room to

breathe when changes need to be made, since there is a high degree of modularity. As the first

Chada Tech team to implement Scrum-agile in production, we've certainly shown how effective

it can be. Choosing this approach for SNHU Travel was the right call, and I'm sure the rest of the

employees can't wait to start learning about it for themselves.