

Sprint 3 Retrospective

Intro

This retrospective seals the third sprint for the development of a condo management system. During this sprint, we advanced in the front-end, back-end and more importantly in the testing. We focused on developing a reservation system which would allow users to reserve a facility like the gym or the pool, on an employee role management system which would organize the two types of employees and assess their roles and responsibilities. Lastly, we developed a request management system which would allow the communication between the users and the employee.

With those, testing was the most important section that needed to be completed since our progress for testing was slow and behind the planned timeline. As for the results of this sprint, we successfully completed many tests all the while advancing as planned for the implementation of the new features. This made us gain back our confidence and assured us that we will be able to finish the project, with all its planned features, in time.

1. What went wrong

1.1 Time Management

This is the only problem that persists until now. The team in general struggles with time management, but its not anymore because of the task division. This time it was due to lack of knowledge towards the due date and that there was a lot to do in a relatively short time. In the future, we will assign someone to remind the whole team of the due date every here and there, so that it doesn't come as a surprise a few days before the deadline.

1.2 Implementation

In this sprint User Stories 4 and 7 were implemented while all user stories until 7 (included) should have been implemented by the end of the third sprint. This is due to time management and underestimating the load of work for the implementation. For the next sprint, we will need to implement user stories 5,6 and 8, so that in the last sprint will be less of a load than the coming because realistically speaking we will have much less time during the fifth sprint due to finals.

2. What went Right

2.1 Using Jira

Nothing changed in that section. Jira is a great platform for task divisions.

2.2 Good communication between members

For the most part, there was a good communication between each other, whenever someone would ask to do a meeting, most members would answer right away. There was always a team member that would answer right away when someone asks a question. At each conversation, we made sure that everyone understood what was said, no one would come out not understanding what was said.

2.3 Task Division and Meetings

As stated in the previous retrospective, this section was the main cause for everything that went wrong last sprint, but it was fixed right away. The team had a meeting right after the sprint 2 demo and talked about the vision for the future sprints and the tasks that needed to be completed for this sprint. Then, the tasks were divided among members and a summary was written on the team's chat for those who could not attend the meeting.

2.4 Tests and Code Management

As tests were very lacking in the previous sprints, more members were assigned to write code tests in this sprint. This allowed an increase in tests compared to the previous sprints. Also, being aware of the mistakes we made previously, all reports, whether for the documents or for the codes, were clearly written. This includes testing, code style and quality, and bug reports. This allows for any reader that was not part of the code development to understand what the code is, and what's good/bad about it.

Conclusion

In this sprint, we saw the benefits of doing a meeting at the beginning of the sprint, sensibilizing everyone about the tasks that need to be completed by the end of this sprint and dividing the tasks in that moment. That gave everyone the full number of days to complete their part without being confused or left without a task. On the other hand, we misjudged the load of work that was ahead of us. For the future, we would consider the amount of work a task takes and increases its planned time by a couple of hours/days.