

Sprint 4 Retrospective

Intro

This retrospective seals the fourth sprint for the development of a condo management system. As the semester is coming to an end, so is our project and the final submission of our semester long product. This marks the end of the fourth sprint and the start of the fifth and final sprint.

By now, we should have implemented all our features and hosted the website according to the initial release plan. As the sprints went by, we were falling short on some work and ended up with having to implement 3 features in this sprint instead of 2. Thankfully, we were able to implement all 3 features which are the development of a reservation system which would allow users to reserve certain products like the pool or the game room, an employee role management system which would allow to organize employees into 2 categories customer service and financial, and a Notification page which would store all recent notifications received. Above these, we progressed in our testing and in the organization of the documents.

What went Wrong

1- Time Management

By now, this has been the only section that is always lacking. Unlike the previous sprint, where it had gone a bit better, we did not set up a team meeting right away after demonstrating the previous sprint, we let close to a week pass before scheduling our first team meeting for the fourth sprint. This, therefore, gave us the opportunity to only meet one other time for this sprint. In the last sprint we should do as we did in the previous sprint and meet right away, in the following days of the sprint 4 deadline.

2- Tasks Planning and Divisions

This section goes in hand with the previous sprint, but it is more important in the upcoming sprint since some tasks have been removed and new tasks have been added. Task planning and division is usually done in the first team meeting, but even though every team member has a position, we tend to overpower one team section while leaving another more important section

with very few workers. This issue should be addressed in the following sprint to complete the heavier tasks ahead of time instead of stressing to submit some work before the deadline.

What went Right

1- Updated with the documents' submissions

Due to a misunderstanding, in the first 2 sprints, we were missing some documents or in more precise terms, our documents were not well organized. We started organizing our documents in sprint 3 and had to do some modifications and improve the writing skills for these documents which leads us to the submitted documents for sprint 4 in which all documentations are placed in well-labeled documents/files and no required information is missing.

2- Tests and Code Management

This section has improved since the last sprint, we increased test cases and widened our test coverage, all reports, including the code management document and the bug report, have been updated with the work of this sprint. This allows anyone who wants to be informed with our work to skim through the code and read thoroughly our documents and they should understand the coding with ease.

3- App Hosting

We achieved a very important event in this sprint which was hosting our app/website over the internet. This success would not have been realized without working well on the frontend to have a presentable, pleasing to the eye, product to the users. Also, would not have been possible without a tailored backend which is linked to the frontend and allows the user to perform certain activities. The hosting is an important achievement in our project, and it is even more important that we were able to do so without tardiness to the planned release date.

4- Compromising the lost time

Even though we were late in the meetings and task divisions for this sprint, we were able to work efficiently to complete all the required works for this sprint and the missing works from the

previous sprint. This leads us to be on track with the overall timeline of the project which is also another great achievement for the team.

Conclusion

Even though we repeated some of our mistakes in this sprint after dealing with them in the past, we were still able to get the job done and developed the planned features and the complementary tasks. The plan for the next sprint is to meet at the beginning of it decide on the plan for the upcoming sprint and set fake deadlines to guide us not to leave everything to the end. We will mainly focus on updating and enhancing all the existing features and if time permits, we will implement some of the additional and bonus features. Overall, we matured in comparison to the beginning of this project, each learned to develop in their own way to bring more to the table, yet no one is perfect and therefore we still commit the same errors sometimes. We learn and move on; we will focus on those errors in the last sprint and hopefully it will makes us more resilient in the future.