Project Retrospective

AMOS Team 8 OpenID Connect Doctor

Dear students,

Over the course of the semester, we worked on our project "OpenID Connect Doctor" in cooperation with our industry partner Seal Systems. During this time, we had a lot of fun and had a deep dive into software engineering.

At the beginning of the project, we had a slow start, due to inexperience with some suggested frameworks, and it took some time to get acquainted with OpenID Connect. In hindsight, we should have tried to get started working on the project a bit earlier. Additionally, having clear guidelines helps a lot in getting started as it provides a clear framework on what is supposed to be done and how. A linter configuration would have helped to make the code look more consistent.

During the project, fast and good communication is key. To communicate within the team, we used Microsoft Teams, as it allows us to use different channels for different topics. Even though there were some issues early on, about who should review pull requests and what exactly was supposed to be done, we managed to solve these issues by extending our guidelines and having an additional meeting each week to discuss upcoming new items, homework, and more.

Albeit, with time, the communication between the team members did get better and the work rate after a month was actually better than expected. At the end of the project, we had certain hiccups to overcome due to the increasing complexity of a particular issue, which consumed most of our time. Again, it was teamwork and communication that helped us to finish it. Although we were able to finish in time, we would recommend reserving enough time left at the end to refine your work, rather than having to rush to finish the project.

As product owners, we would recommend that they always try to keep the end goal of the entire project in mind and agree with the industry partner on the importance of certain tasks to rank them accordingly. Furthermore, you should try to communicate most of what is supposed to be done as early as possible in cooperation with your industry partner, otherwise, you might end up waiting time on items that are replaced soon after. Overall, good and regular communication with the industry partner helps clear up any discrepancies between their expectation and your understanding.

The Software Developers should try to use GitHub integrated features wherever possible, for example, the GitHub CI/CD pipeline. Also, the developers should try to keep an eye on other features that might conflict with the one they are currently developing.

Good luck with the project,

OpenID Doctor Connect Team 2022