

AMOS SS21 Project Synthetic File System

Project Retrospective

Dear future participants of the AMOS project,

We gladly want to convey our experience of the AMOS project so that you do not repeat the same mistakes we made but also adopt our strengths and add new ones. We structure the project report into strengths, followed by our weaknesses, recommendations, and end with a succinct conclusion.

Let us begin with the strengths of our work. We had a very enthusiastic coach and industry partner. They were cooperative and responded quickly to any questions and issues we had. It has also aided to stick to the SCRUM process and work in an agile manner. We had regular meetings on Wednesdays and Mondays with the industry partner and on Sundays as a team to discuss questions and solve problems from the beginning. Fortunately, in our team, the developers and product owners had the same vision, which was also in line with the demands and aspirations of the company. Furthermore, we also received regular feedback from our coach; she wholeheartedly supported us and provided us with tips, which kept us motivated throughout the project.

Unfortunately, there were also some challenges we faced. The major challenge was that all the software developers in the team coming from different backgrounds with different levels of experience and knowledge. This was resolved largely by having one-on-one meetings with one another, where the more experienced or the person with more knowledge would help the other person by giving tips or helping the other with issue resolution, and by initiating pair-programming sessions with one another. We faced some communication break-down in certain sprints, and using the weekly Wednesday meetings to bring such non-technical impediments to light helped us build that bridge again.

Furthermore, now to our recommendations: If you want to accomplish much in the time available, you need to work together and trust each other carefully. The instrument to achieve this is the communication from the very beginning. In general, to develop the product successfully, accept each other's weaknesses and build on your strengths. Regular meetings helped to identify problems within the team and with the industry partner at an early stage. Another piece of advice would be to contact the industry partner as soon as possible to have a good understanding of the project and get the technologies that would support you for the implementation.

Moreover, in conclusion, working on an AMOS project will take some planning time and energy, but it pays off, which is a delightful experience. For us, AMOS is one of the courses at the university where you learn the most. We hope you will learn at least as much as we did and enjoy this three-month journey.

Many warm wishes,
Team 3 (Synthetic File System)