

Dear future participants of the AMOS project,

In the following we would like to present you what worked and what didn't work for us, in order to give you lessons learned to take with you on your way, so that you don't have to make the mistakes again yourself.

What worked well

- It is worthwhile to arrange a regular meeting besides the team meeting, which is obligatory at least for the developers.
- It is very worthwhile to think about the team contract in detail at the beginning and to adhere to it very strictly. Especially if all participants have other courses, this gives the project a fixed framework.
- It is also helpful to ask the team directly for help in case of problems or questions. It is not worth despairing about a problem alone, as help is almost always available due to the different backgrounds.

What did not work and how it could be improved

- We received code in another language (C++) and did not test it. Therefore the included errors have been transferred to our project.
→ It is always worth to test code from other parties first.
- The acceptance criteria were sometimes not exact enough for the software developer. Gaps were often exploited in order to have to invest only minimal effort.
→ Acceptance criteria should always be formulated exactly. Here the SMART method helps.
- Insufficient tests have repeatedly caused errors to have to be searched for in the entire pipeline.
→ This can be prevented by intensive testing of a new part before its incorporation.
- Scrum states that all developers are equal. However, experiences with certain systems are often different.
→ It is worth asking who already knows what in order to enable effective allocation and to be able to coordinate better in the team in case of questions or the like.

We wish you all much fun with the AMOS project, it is definitely worth it!

Best regards,

team Netella