

Way-of-Working

When writing and agreeing on the content for the hand-in *Meet your Group*, we were in the *Principles Established* phase. For that hand-in, the group agreed on certain rules for how we would work as a team. We did not, however, take into account any stakeholders or other external factors, since the projects in this course are very limited.

In the second state, *Foundation Established*, we set up the tools we were going to use for the project (Github and Junit). One source of improvement for our way-of-working could have been to better organize our key practices in the beginning of the project, in order to reduce the time it took to learn them. Furthermore, we could have set up a shared build system like Gradle, in order to ensure that everyone could build the project in the same manner.

Once we entered the third state, *In Use*, the practices and tools were used diligently and seamlessly. We created many branches and issues, and were thorough with the peer reviews of the pull requests. The tools and practices also benefited our communication, seeing as a large portion of our communication was conducted on Github through comments. All of the tools and practices were used by the entire team, in line with the *In Place* state.

Even though there was a certain adjustment period to learn the proper Github practices, the team eventually applied them naturally and managed to make fast progress in the *Working Well* state. We did tune our practices throughout the entire project, e.g. by improving the quality of Git messages through certain conventions ("feat", "doc", "refactor" and "fix").

Once the program was fully developed and passed all of the tests, we entered the *Retired* state. At this point, the team had gained valuable experience with Github, which will be applied in the upcoming assignments in this course. E.g. we now know the importance of setting up a shared build system in the beginning of a project and we also know which practices to apply when working with a shared repo.