

## **Project Retrospective AMOS Team 3**

**Winter Semester 2023/24**

Throughout the duration of our AMOS project, our student Scrum team engaged in this collaborative endeavour with our industry partner to build an innovative software solution. Rooted in the foundational principles of the Scrum framework, our journey was marked by both triumphs and opportunities for growth, offering valuable insights into the dynamics of teamwork and project management.

One of the initial challenges encountered was the establishment of effective communication channels among team members. This hurdle, however, was met with proactive measures, often derived in the regular retrospectives within the Scrum framework. These introspective sessions served as pivotal moments for fostering transparent dialogue and addressing communication barriers. Notably, the integration of pair programming sessions played a significant role in enhancing mutual understanding and cohesion within the team. Moreover, we settled on communication rules and a communication platform that we would all stick to. This helped as well to reduce the latency in communication.

Navigating the intricacies of sprint goals proved to be another noteworthy challenge. The complexities of varied divergent schedules, ticket dependencies, and response times necessitated meticulous planning and coordination. This was not always easy and often reappeared in the impediment backlog of the team. But despite encountering obstacles along the way, we demonstrated resilience and adaptability, leveraging our collective strength to navigate through crunch periods and meet our objectives.

A cornerstone of our success was the invaluable feedback provided by stakeholders throughout the project. These insights served as guiding opinions, informing iterative refinements to our software and ensuring alignment with industry requirements. Through a collaborative process of refinement, we not only met but exceeded the expectations of our industry partner, solidifying our relationship and reaffirming our commitment to delivering excellence. The stakeholder also helped us to bond as a team by inviting us to their headquarters and making them familiar with their development processes and the real world application of the software that we were developing.

In the realm of skill development, our journey was characterized by significant growth and learning. From improving our GitHub proficiency to mastering Kotlin/Gradle development, each sprint presented an opportunity for skill enhancement and knowledge acquisition. Moreover, the project provided a firsthand glimpse into the reality of project management and professional software development, offering a holistic understanding of the software development lifecycle.

As we reflect on our collective journey, we recognize the transformative power of collaboration and teamwork. Our project was not merely a series of tasks completed but the result of the resilience and determination of our team. Through perseverance and dedication, we have not only achieved our goals but forged bonds and friendships rooted in the project.

In conclusion, we loved the AMOS project which helped us to foster the power of collaboration, resilience, and continuous improvement. As we continue our studies, we carry with us the lessons learned and experiences gained, confident in our new Scrum abilities.