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| **Process Report - SEP** **Group 2** |

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**characters**

**Software Engineering**

**3rd Semester**

**17 / 12 / 2022**

**VIA University College**

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# Introduction

When we found out the classes will be separated this semester, we knew we’re going to stay together as a group. Although last semester we had some roadblocks while developing our app, we still found similar goals we strived to achieve. Our team at the time could be improved, even though we had an amazing setup where everybody had their own role and brought their own contribution to our project, we still thought we could use a breath of fresh air. While scouting for people that we could add to our roaster we were carefully analysing our new colleagues. One stood out from the start, which helped us make a choice quite fast. Tomas was a perfect addition to our group. His knowledge, determination, will for success and sense of humour made us understand that he is quite a catch. So, after carefully discussing it with the prior group members we embarked on our journey to success together.

We would obviously lie to you if we said that the project requirements were easy to grasp at the start. Terminologies like heterogeneous distributed system, security threat models or 3 tier architecture were foreign to us, and quite frightening. Despite our morale being down, we had a lot to learn during the semester while attending our courses and doing our homework regularly as a group, so we make sure everybody understands every detail, so we don’t lose anyone on the road. Sometimes we had to take a deep dive into the subjects ourselves and find a way to make everyone understand the concepts better by teaching them to each other which boosted our teamwork. We did ask for a lot of help from the supervisors as well, which led to us spending our time on important things rather than cluelessly debugging our code with no use. The methodologies that we used this semester played a major part as well. Scrum was a hit with amazing results, which probably meant we must use it again with a new tool this time. We decided to use Jira to assist us in keeping track of the roadmaps, burndown charts and sprints. Also, we tried a new technique called Scrum poker, which made us understand more about time management and how we can make our work more efficient. Unified Process helped us with our system and the teamwork we were exerting, and how can we forget about Agile. Last semester one of our teachers made us fall in love with the Manifesto for Agile Software Development, so we made sure to use it again! We really think that without the procedures enumerated above we wouldn’t be able to get a final project we are proud to present.

The countless meetings, the sleepless night while brainstorming together and all the mentor meetings we had at the start made us take the correct path to our goal which was ultimately finishing the semester with amazing results. We infused our code, proposals, and assumptions with the theory we’ve learned to get a promising result.

Despite our different characters and overwhelming personalities, we still managed to find each other’s strengths quickly. Everybody contributed with something new, and we went through with our grandiose ideas. In the next chapters we’ll be talking more about how our differences made us the unit that we are in Group Description, we’ll talk about how we started the project and how ChadList became our child in Project Initiation. Of course, Project Description will contain the process of making the project description, and surely mentioning Unified Process, Scrum meetings, Agile development, and artifacts in Project Execution. You will get everyone’s individual opinion about the project in Personal Reflections and we’ll highlight our supervisor cooperation in the Supervision Section. Conclusion will be considered as the icing on the cake where we will give a general overview of our opinions about the whole process of this semester project.

Agile Manifesto

Last year process report