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

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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.

# Group Description

So, after the last semester we decided to stay in the same group. Sometimes it’s hard to find individuals who have the same goals in mind as you, but in this case everybody agreed on one thing, everyone wanted to have a great project, get a desirable grade and have fun while doing it. We consider our group very diverse, mostly because we come from different backgrounds, countries, and everybody has a different personal profiles, which makes everybody responsible of some of the characteristics in the group. We are proud to announce that even though we were so different last semester, at the start we felt that we were lacking a creative mind that would bring new ideas and implement them masterfully. That’s where Tomas came into the picture. He is very different from us. He may look like he isn’t very fun to be around, but if you get to know him, he is an ingenious mind that loves teamwork and excels in the tasks he dedicates himself to. So now with 5 members we chose to jump headfirst into our tasks.

## Personal Profiles

As we mentioned last semester we are very different when it comes to character types, SCRUM roles were quite easy to choose. First, we saw the amazing job our Green Matas did last semester as a SCRUM master because of drive to nourish relationships with people, his capability to make harsh decisions when needed, and friendliness. It was a clear pick and we’re happy of our decision. He was protecting the team from the Product Owner while fostering communication, maintaining the atmosphere as friendly as possible, and meeting facilitations. When talking about the Product Owner we had a harsher time. We were happy with what our Blue Dan did, but we challenged ourselves to find a new type of Product Owner that would spark some new ideas or points of view. That’s why we chose our Yellow Dragos. He is enthusiastic which would put much higher goals for us, something that made us work harder, he is persuasive which meant that our SCRUM master had to work a lot more on protecting us from his wraith of new assignments we wanted to give us, but mostly he is sociable, which made us think of a real life situation where your Product Owner is very sociable and knows what he wants to do with his idea, but he needs people to achieve his goals, someone who would be very happy to start working, and very fast with his unpredictable decisions.

As always, we will back up our claims by showing our personal profiles a little lower. We learned a lot from last semester. After having some problems with issuing authority, lack of motivation, influence, and fear of appearing weak, but we are proud to finally say that we worked on our weaknesses, and we consider our team to be perfect. When it came to the issuing authority, last semester we learned that if we showed some boldness and some group members tried to seek status which solved our problems we would succeed. When it came to our fear of appearing weak, lack of motivation, and lack of influence we usually solved it by talking things out and trying to find a solution all together, because that’s why we were assigned as a team, to go through hard times together, not to fight on alone. This meant enhancing our productivity and teamwork every time we went through these things, and that led us to describe ourselves as a total unit.

We consider that we can describe our team with one word, which is harmony, because we complement each over. We have Dragos who is a very Yellow person, always enthusiastic and sociable, happy to help and dynamic, we also have Matas, who is encouraging with everything, he cares about everyone because he values our sanity, always patient and relaxed with every little thing he does. We have Dan and Tomas that are precise, formal all the way through, always questioning and interested in the process, and lastly we have Chiril, who even though represents a lot of the Blue characteristics, he has enough Red to be flexible into that role. Always competitive, strong-willed, purposeful, and demanding from his peers, which leads to the authority we needed so much.

We learned from last semester and put some strict boundaries when it comes to laziness and time frames, which made our group prosper. The personal profiles were a very big turning point in our relationships in the group, because they showed us who should do what and who we can rely on for tasks like leading, creativity, uniting people, and enthusiasm filling.

In a nutshell, we really think we did a great job with SCRUM roles, assigning group tasks and matching everyone based on their personality type by looking at our results from last semester. We consider that our hard work finally paid off, and we can openly say we are all living in harmony.

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| Matas Armonaitis | Dan-Sebastian Ceapa |
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# Project Initiation

Agile Manifesto

Last year process report