

# **Process Report**

Malai Alexandru [304189]  
George-Eduard Andronache [304460]  
Marwa Nizar Alsaduni [304221]  
Adrian-Gabriel Vaitis [304486]  
Dmitrii Pinzari [304618]

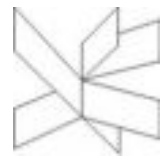
## **Supervisors:**

Steffen Vissing Andersen  
Astrid Hanghøj

**Via University College**

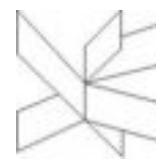


**Software Technology Engineering**  
**I Semester**  
**18/12/2020**



## **Table of content**

1. Introduction
2. Group description
3. Project initiation
4. Project description
5. Project execution
6. Personal reflections
7. Supervision
8. Conclusions
9. Appendices



# 1 Introduction

Process report has to include our reflection on the group process, especially on our own contribution and interaction in order to increase productivity in future group work.

Therefore we will begin with our group rules that we had made for us to not meet any difficulties. Since there were situations when some of the members were not able to help during specific hand-ins, we decided to make meetings during days when every team member was able to attend it. However, this task was much harder than we expected. During the beginning of our group work we were having some issues, especially with the group contract, because of this we booked a meeting with one of our supervisor Astrid Hanghøj, who helped us a lot by recreating our group contract as well as finding common opinions between team members.

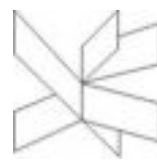
The aim of our project is to provide support to “Colour-IT” company in order to help manage the projects and monitor the progress, which includes - productivity of the employees, division of the tasks, time spent working and processes that help in achieving their goals.

In this project, we are utilizing concepts and knowledge gained from three different courses: Study Skills for Engineering Students (SSE), Responsive Web Design (RWD) and Software Development with UML and Java (SDJ).

## 2 Group description

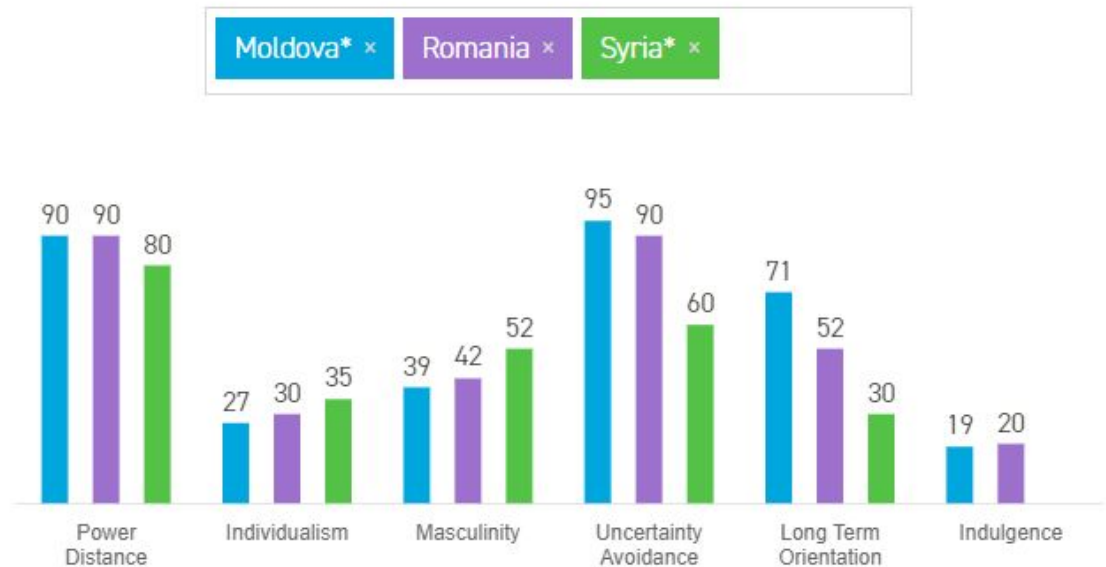
Our group consists of 5 members from 3 different cultures: Moldova, Romania, Palestine. The formation of our group starts in the second month of this semester, in the beginning we were a group with only 4 members, and we were meeting some sort of “TeamWork issues”, which in the end led to a member leaving our group. However, it was not long until we got new members in our group, such as George-Eduard Andronache and Marwa Nizar Alsaduni, both of them had a huge impact on our work in group, and helped us a lot in working with hand ins that we had troubles with making. Though, we were still unable to prevent some difficulties due to COVID-19 or to the fact of us being inexperienced in domains such programming.

Every person is different, and each one of us takes in and processes the information in different ways. To better understand ourselves and to achieve optimal performance in the process of learning and working, Felder’s & Soloman’s Index Of Learning Styles could be a helpful asset worth consulting (Webtools.ncsu.edu, 2019).



## Cultural influence

What we were taught in SSE course was how culture influences the workplace. According to Geert Hofstede's theory, we created a 6 dimensions diagram showing the differences between our cultures. We noticed that we are kind of similar, maybe because we are part of countries with a hard past and this fact influences us.





Group Contract Template - VIA Engineering Guidelines

## Group Contract

Group Name (optional): **GROUP 5** Date: **08.11.2020**

These are the terms of group conduct and cooperation that we agree on as a team.

**Participation:** We agree to....  
respect every task and to show interest for the project and to try our best

in everything we have to do. More, we agree to offer help between us in case any of us  
know more than others.

**Communication:** We agree to...  
discuss every problem and try to find a solution.  
Do not hesitate to ask questions between the group members.

Make sure that everybody is on board with the project.

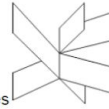
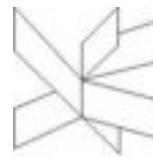
Try to solve any misunderstand.

**Meetings:** We agree to....  
come to every meeting which is scheduled and if is not possible we must announce  
everybody in the group about this and also the reason.  
If a team member does not show up, he needs to do at least something at home  
If we are not able to meet in person, we have to meet on discord at least once or twice a  
week.

**Conduct:** We agree to....

Respect each others time and do everything according to the schedule.  
If members are not following the rules, we talk to the supervisor and decide what to do  
further from there.

**Conflict:** We agree to avoid unnecessary conflicts and talk through all the problems we  
might encounter during our work in teams



Group Contract Template - VIA Engineering Guidelines

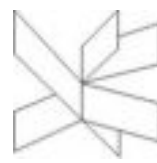
**Deadlines:** We agree to do everything before the deadlines, and not in the last moment.  
Be aware of time!

**Other Issues:**

Group member's name	Student number	Signature
Marwa Nezar Alsaduni	293119	<i>Alsaduni Marwa</i>
Adrian-Gabriel Vaitis	304486	<i>Vaitis Adrian</i>
Alexandru Malai	304189	<i>Alexandru Malai</i>
Dimitrii Pinzari	304618	<i>Pinzari Dimitrii</i>
Andronache George Eduard	293711	<i>Andronache Eduard</i>

### 3 Project Initiation

The project's initiation phase was at the beginning pretty much easy to understand, it looked like it would be an easy project to accomplish, every requirement from Colour-IT interview was clearly explained, therefore we had not met any problems during that phase. In the first form of the group there were just Dimitrii, Adrian and Alexandru, but after some time, based on the gained experience, Marwa and Eduard joined the group and this was the final form. The only requirements were to not have 2 of the same nationality in the group and to not be more than 5.



For an efficient work on the project, in the first part we decided to meet in person at the college campus after classes or during the breaks, but after a while, the Covid-19 Pandemic came and we had to move into the online environment. Here, we started using Discord for meetings and Facebook Messenger or Gmail for sending parts of the projects. Itslearning app and Studienet website were used to have a good perspective on the guidelines.

Regarding communication between the group members, it took part mostly in online chat, because of the fact that some members were living in another city. Looking back on our time spent communicating, we had a lot of problems related to this. But in the final part of the project we figured out a solution so that everybody can share their ideas or their work.

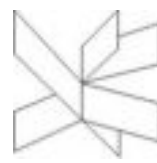
Being a group of 5 was an advantage because we could cover more assignments at the same time so that we could have finished them way before the deadline. We noticed that some of us are good at the documentation part and others are good at the coding part and in this way everybody had enough time to work on their part.

When the last 2 weeks came, we started working hard at the project and in this way we could cover all the missing parts.

## **4 Project Description**

During project's description phase, we as our first group of 4 people were working on it quite well, however, one of our members which had experience before was constantly saying that what we are doing is wrong, and was keep correcting everything, in the end we finished project description right before the deadline, because we were keep polishing it every moment. However, after this certain moment, the group member we were talking about, decided to leave us.

## **5 Project Execution**



Project execution phase was indeed the hardest one, here we as the new group felt a huge difference between what we were doing until now and what we have to accomplish. Since we did not have enough meetings due to different problems like job and COVID-19 situation, we started working on the project itself very late, this led to having a lot of difficulties because the deadline was closer and closer, as well as the fact that we lost few of our opportunities to get meetings with supervisors. Therefore, we had to come to a solution as minimizing the requirements and at least making the system work. Even though we did our best, we still had some issues while trying to make the system work.

## **6 Personal Reflections**

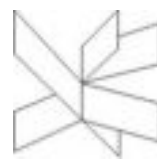
*Adrian-Gabriel Vaitis*

For me, as a first-semester student coming from a foreign country, everything was new regarding group work. During the first semester I was part of 2 different groups. In the first one, we could not find a middle ground for the semester project so we decided to split. With this group we just managed to finish the first part of the project. The second team that i am currently part of is very

different from the other one. We had some misunderstandings in the beginning and we could not manage to work efficiently at the project so one of our supervisors decided to have a meeting with us in order to lead our group on the right path. The things I have learnt in this semester while doing the project work will certainly help me in my career. I was taught that i have to adapt my behavior to every person i work with, but the most important thing i have learnt is that a perfect project needs sacrifices. I taught myself how to organise my time better, to have time to work with the group and also to have time to study for the other subjects.

This project had to be created during a hard time, the Covid-19 pandemic.





This fact confronted us with the problem of not being able to meet physically and in this way we learnt how to work online and to try to figure out a good solution to have the best project.

To conclude my experience, I learnt how to work with other people, how to adapt to the cultural differences, how to make myself understood, how to work under pressure and also how to work on an important project.

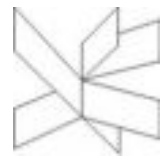
### *George-Eduard Andronache*

My experience in the first semester was a bit weird at the beginning. I needed time to accommodate everything. The first thing that I needed to accept is the thing that it wasn't the same as in my home country. It wasn't a hard step for me because I can adapt to every environment, I can say that I liked this big change in my life. People in this area are more open-minded and I find them more relaxed than in the place where I'm living (Romania).

The "working in group" part was a bit hard because everytime we had some problems in communication and also different opinions from different perspectives. This means that it wasn't really a bad thing, I can appreciate other opinions and other views of the same subject. I really enjoyed working with people

that thinks differently than me because I can explore what others are thinking and trying to understand their vision about life and everything that surrounds them. You can learn new things by observing other people's horizons.

Regarding the project part, I'm happy because I had the occasion to try all the roles in the group. From the coding part in Java, to designing part in JavaFX and Scene Builder or sketching and coding the websites in the web development part. Also I had the experience to write project reports, documentations, UML diagrams and everything that evolves around this project-building based subject.



I appreciate the fact that I have learned a lot along this way that I'm trying to concentrate on, and I'm also trying my best to improve my skills. I gathered maturity by realising that we have to do a complex project, we all together struggled to give our best on this project, even if some things are not good enough, I can understand the fact that we are in the beginning of this career and we can make progress by small steps. Of course it will be better in the future, but for now I am satisfied with the large know-how database that I had acquired during this group work. I am a little bit disappointed because in the first semester it is pretty hard to find people to get along with. Being all new, nobody knows anyone that can fit their preferences according to their ideas, needs or even personality. In this group of five people, we all had different temperaments and behaviour so it was a little bit hard to get along, but not impossible. I tried to do everything about any problem that came in our way and I tried to be as sympathetic as I could in some cases.

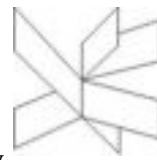
I hope in the future everything will be alright and I hope everybody will improve their skills and follow their dreams. Hard working is the key.

*"Everybody wants to be in heaven, but nobody wants to die"*

*Joe Louis*

*Marwa Nizar Alsaduni*

I came to Denmark as a refugee in 2015 , at that time I just wanted to be safe after a long and dangerous journey (escaping from the war in Syria).



I have always dreamt to continue my university studies since I left my country ,and after some years in a foreign country, I was so excited to start studying at Via university .

It was not hard for me to be in an international class with a lot of cultures and behaviors, i was not sure about choosing members for my group because we didn't know each other well and we didn't have chances to have some sociality in the class, because of the situation of covid-19.

Our previous group was split up in the middle of the semester , I was not happy with that but I handled it.

Group work to me is so important and the way that the group members communicate and discuss anything shows how the result of projects and assignments will be .

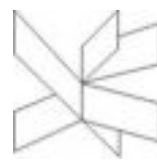
But as a member of Group 5, I am not satisfied with how the group arranges to do assignments or talk about study struggles , I tried my best to be helpful and supportive .

But in the end ,It was a useful experience that taught us how to organize time , finding other ways to communicate , and understanding each other as a group .

*Malai Alexandru*

Coming in Denmark significantly changed my life. Everything was different, begining with food and ending with people's behavior. At the beginning of the study year, I did not have any problems with studies. They appeared as soon as group work began. I was not used to working in groups. Misunderstanding quarrels were following us during the first months. Even arranging a meeting was a difficult thing to do.

Everything changed when I understood that if I want to change somebody, I should start from myself. I decided to start working on my own, making things little by little. After this, guys from the group started to join “work camp” one by one. In this way our group work began. Here the word “I” was replaced with “we”. We started to understand each other and respect each other's opinion. The quarrels did not disappear but who said that quarrels are not useful? Quarreling we were brainstorming ideas which helped when we were deciding



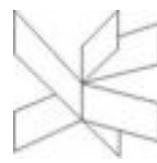
what we should do, how we should do it, when, where etc. And here I understood how interesting it is to work in a group. Different ideas are mixed together and become one good idea. It is very good when you can rely on somebody in your work. I am totally sure that this experience will help me in future to interact with my colleagues.

Looking back, I regret that we didn't start to work as a group earlier because the group helps you not only in school but in personal life too. .

To sum up, I can say that group working should be introduced from primary school so that students get used to working together from the beginning.

*Dmitrii Pînzari*

During this semester i had learned a lot of important information needed to improve my future productivity, and for that i'm mostly thankful to my groups, as well as to the semester project itself, which proved that i am not experienced enough, and that university is not as easy as i was thinking it is. Frankly, I had already had situations in my life where I had to work with people in groups, so I was expecting different outcomes during group creation as well as during work on hand ins or semester projects. In my personal opinion, of course we could do everything much better than we did this time, we still have much to improve in different spheres, and I'm mostly sure that every group member is aware of that. However, i'm disappointed mostly not in the group, but more in myself, because i was sure that i have the power to make everything alone, that i do not need any help from others and it's just a matter of time, which was a mistake. Because, even though the first 2 months were pretty decent in terms of complexity, the last 2 months were something completely different, and having at the same time issues with coming to the campus because of COVID-19 situation made it even worse. Therefore I ended up having less impact on the semester project itself, especially on the coding part.



In conclusion, we definitely could have done a better job, the most important is that we understood what we have to change to improve future work in groups. Our group and work during semester had given us a very good lesson which will definitely lead to improving our productivity;

## **7 Supervision**

During the course, the group was supported by three supervisors: Astrid Hanghøj, Steffen Vissing Andersen and Klaus Bøgestrand.

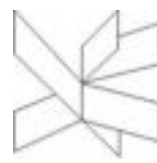
During the first semester, especially at the beginning of it, the group's point of view is that we have liked more meetings with the supervisors earlier in the semester. Maybe in this way we could have avoided making some mistakes and maybe having a better project.

Because of our conflicts, we decided to request Astrid's help. This was the best decision we could have made. Her advice helped us to get through the problems we were facing and in the end, working in a friendly environment.

The group set up a few meetings with Steffen because we were having several problems regarding the diagrams and coding part. He guided us and we finally figured out which is the proper way to approach the project.

## **8 Conclusion**

Communication issues were present during the project period, but by being determined to have a great project, we solved this problem. Being open-minded helped us get over misunderstandings and conflicts.



In the beginning , working on the project generated some problems because we were not used to working that hard or to have that many cultural differences between us. During the time we got used to each other because this was the only way to get through this.

Having a lot of issues related to the documentation or coding part showed us what to do and not to do in the future projects, how to have the best approach and to avoid the mistakes . We learnt that every time you can't figure out how to do something you have to ask your group or supervisors for help, everybody will help you.

Over the course of the semester, we discovered that time management and communication are key points in being successful. Next time if we handle these two facts better and split the requirements and responsibilities from the very beginning, we will have a way more better walk on the stairs of success.

## 9. Appendices

Group Contract. (08.11.2020) . Available at [via.itlearning.com](https://via.itlearning.com) [Accesed October 2020].

Hosfede Insights. (2020). *Compare countries*. [online] Available at <https://www.hofstede-insights.com/product/compare-countries/> [Accesed November 2020].

