Process Report SEP3

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# Introduction

The current document is meant to inform both the team and the reader about how the planned activities worked out and how the collaboration and workflow went in our group. For this project, there was no mandatory given topic, but instead we had the possibility of choosing our own topic from a list of available topics from the school. The chosen working method for this project was SCRUM since it was the ideal way of managing the team in an agile way. The group’s activities for this assignment were organized in sprints. There was a total of 13 sprints for the give project and each of them were held weekly one for each week. Our group scheduled the weekly sprints to take part every Thursday at 8: 20 AM. The meetings were scheduled to last around 8 hours per meeting but sometimes were cut short due to some group members had to leave early. Each sprint had its own sets of requirements all having a grade of importance and a workload estimate. Some tasks took more time to complete than originally estimated and at some point, we fell behind of schedule because of this. A time schedule in form of a Gantt Chart was made for this project and this helped in keeping track of the given tasks and helped in organizing our group work. A log book (journal) was made for this assignment and each sprint has been documented accordingly. In this document information regarding estimate times and actual times for different requirements has been kept and served for the creation of our burndown chart. At a certain point in the project, we stumbled with certain tasks and had difficulties in advancing further. As a result, we seemed help from our supervisors during the scheduled meetings, which were held each week on Thursday. The meetings went well and problems that we encountered were solved, allowing us to advance further with our project. The work flow went smooth in most cases, since we had a good organized team prior to starting the work. Each member did his tasks and did not hesitate to ask for help when problems started appearing.

# Groupd Description

Our group is made of 5 people. Them being Oskars Arajs, Taha Alzein, Fadi Dasus, Alexandru Vieru and Muhammad Nadeem.

Oskars comes from Latvia and he has studied electrical engineering in Latvia. He has worked in the field for a while each summer while studying and realized that that carrier isn’t for him, so he came to Denmark to pursue a new challenge in ICT. During his spark filled early days as an electrician he got to work on construction sites and for private customers and he learned the value of hard work and determination. He has experience working on different projects, but he did so alone. Because in Latvia there is a different teaching method were most of the projects are done individually. So, he was a good worker but had to learn to rely on others.

Taha comes from Syria. He is like the leader of our group because he has a lot of experience working with people and different projects. He studied software development and so he is our go-to guy when we have questions, or we need to settle an argument. He has been the underling to the big bosses and he has been the leader of his own projects. He likes to try new things and be a part of every part of the project. As his Belbin role is a specialist he truly gets irritated when his time is being filled with nonsense or otherwise being wasted.

Muhammad comes from Pakistan. At first, he seems shy and doesn’t want to bother the rest of the team if he doesn’t know something. But it turns out that he is a smart and talented guy that knows a lot programming, even though last semester was his first-time coding and developing. His Belbin roles described him accurately, but he didn’t let that stop him from getting really in tune with java and easy run with databases. His technical skills and theoretical knowledge comes in handy when the project period starts, and the deadlines are approaching. Fadi also comes from Syria. He studied as a dental technician and worked in that field for two years. He comes on as a funny and sincere guy but if you start messing up the projects he is a part of he will get frustrated and give arguments on why you should not have done that. Thanks to his previous education and practical training, he knows the importance of being precise and planning what needs to be done. He is very meticulous keeps an eye on the deadlines so that we don’t miss anything while being distracted by the project or other assignments.

Balqies is 21 years old, she came to Denmark in 2/2/2016 From Syria. She is a quite person but that dosn’t mean she can’tspeak up for her self. Her main goal for coming to Denmark was to study and get a bachelor degree in “Information and Comunication engineering”. I have been always curious about how applications, software systems and computers work in a general sence.

# Project Initiation

In this chapter we will discuss on how the topic for this project was received by our group. The main requirement for the topic was to implement a 3-tier architecture for our system. Our group decided to create a “Movie World System”. The purpose behind the idea is to give developing countries a opportunity to use online transaction for purchasing movie tickets and give the people availability to stream movies from the comfort of their home.

The formation of the semester project groups where left for the students to decide. Since most of us worked together previously we decided to do things in a similar way this semester with the additional new member.

To organize and plan our meeting we used SCRUM. We decided on using this agile method because we have experience with it and we feel comfortable using it. The time needed for the development of this project was separated in sprints. We held our meeting every Thursday because that was is the project day that the university has allocated for us. For this to work well we considered each sprint as a milestones. Meaning, to start the next sprint, the previous one needs to be finished.

However, this semester turned out to be more difficult then we imagined. In return it made it difficult to follow through with the sprints and reaching our milestones. But we pushed through and reached our goal.

To help us reach our goal we also used a project planning tools. These included a activity monitor called “Gantt chart”. We kept a progress log book. Based on it, we were able to document how each sprint went and what has been accomplished during that meeting. Estimated hours have been given for each tasks of the respected sprint and at the end actual hours could be subtracted for each task.

Another tool used for this assignment was in the form of a risk assessment table which served as a reminder of what risks this project would pose and what would happen if some rules would be broken.

Of course we took into consideration that some of our group members live further away then others. That’s why we stayed in touch via social media and tools like Slack to make arranging meeting easier.

# Project Description

This project requires 2 tasks in order for it to be satisfactory.

The first one would be that the Client should be able to book a ticket via this system, and the second tasks is that the Client should be able to stream movies if he has a paid subscription.

Knowing these tasks we are able to create the methodology that we shall use for this project, and create delimitations that we might apply.

When creating the delimitations part of the project we chose the aspects that, in our opinion were most important for this project and we discarded those that weren’t.

The Risk assessment was made in order to analyze all the possible risks regarding this project. In order for us to be able to deliver a good project we needed to understand what kind of risks are we dealing with and for ease of mind we graded them by the impact they would leave on the project. The higher the grade, the larger the impact.