

# Process Report



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## Work division

Over the past 6 weeks, we separated the required work equally across our teammates. The following paragraphs contain our implementations and the division of work between our group.

Despite not having a lot of time, we managed to go over a lot of the required functionality and each of our teammates had equal amounts of work. We divided the project into two major parts - employees and product objects and scheduling meetings/manipulating personal information. That being said, despite separating the work individually, we each were aware of our group as a whole and had regular meetings, discussing our progress.

Each week we had to deliver something/combine our work, we always got together and discussed it as a group. We always worked on it until everyone was satisfied and all expectations were met. Our group did its best when it came to documentation. We always strived to do it as a group rather than just representing the views of one individual.

# Personal reflection

## Reflection - Anton

Me and my teammates worked on a software solution for MediaBazaar in the past six weeks. In that time we got to know each other and started working more efficiently. We worked to present our best and to try to satisfy the needs of our client. As a whole our teamwork has grown and I hope from now on everything will be done more easily with my group.

Along the way we used everything we learned to create a working application. We used databases and caught exceptions. For me there is nothing better than using what you learned in practice and this six weeks we did just that. For the remainder of the project I would like to expand our application and be more proactive with the project.

## Reflection - Ivan

Over the past 6 weeks, each of our team members worked actively on implementing a software solution for our client - MediaBazaar. I was reintroduced to what working in a small group means and feels like.

The following paragraph contains my personal remarks and reflection for those past 6 weeks:

For the implementation of the software, each one of us had to work on different features, but ultimately keeping everyone else's work in mind. Despite some of the hardship and struggle in the beginning, I ended up with a much better understanding of how team-work goes and having good communication with my teammates.

Personally, the past 6 weeks have been a great learning experience code-wise. I had to work with multiple classes, manipulating data with SQL and always looking out for different exception handling. There is still much to improve, but working frequently, especially in a group is very helpful. I would like it if we are more active and leave less things for the very end. Other than that, I consider my team to be very capable and a great chance to get/give personal advice on software implementation.

## Reflection - Anatolie

As I transferred from another university, it is a new experience for me to develop this kind of application. I really enjoy working with a client. This simulation of working for a real client, gives a feel that it is a real project.

Each one of us had quite a lot of work, but we managed to complete everything successfully in time. Taking in consideration that we worked remote, we managed to schedule meetings and work efficiently.

Personally, I had a problem with connection to the VPN. And ISSD members are still trying to figure out what is the problem.

But during implementation of my part, I did not have the possibility to test my code, and after each pushing to GitLab, I asked my group members to share their screen, and to make some test cases. But, this thing helps me a lot to think about code before writing it.

## Reflection - Hitesh

We have learned a lot these past six weeks creating a software solution for MediaBazaar.

At first we had some trouble understanding and analyzing MediaBazaar's problem, but after a meeting with the client and discussion amongst each other. We think we have created an adequate solution for the first six weeks.

Our teamwork in the beginning was not the most optimal but we have learned to listen to each others opinion and logically decide what is the best for mainly the client. We have also learned how important it is to listen to the client and not derail from the major functionalities of each solution. As a company/team we have a lot to learn but i think we have a solid foundation.

# Reflection about applying Waterfall

For the past 6 weeks, we got to experience the up and downsides of working with the waterfall methodology. It allowed us to break up the work in multiple phases and create a solid base for each step.

## **Strengths:**

From the beginning of our project, we were able to get a clear idea of how the end application would work and that gave us a proper structure to work on.

Waterfall helps us eliminate the risk of getting slowed down as we work toward that goal. It also helped our team separate the workflow properly and overcome any problems we may have together.

## **Weaknesses:**

Despite the advantage of having a pre-set plan to follow, it can also become a double edged sword. Not having the ability to change the base or re-work a specific part can become a major problem. This may involve a client requested change that would force us to change the implementation.

Another disadvantage of working with Waterfall would be the inability to show the system or a product preview until the moment of completion. This could cause problems, as some of the requirements may not meet the expectations of the client.

The client does not have the opportunity to get acquainted with the system in advance, so he does not see the product until the moment of its completion. All functional and nonfunctional requirements must be discussed and approved, which create some delay before starting.

Overall, working with the Waterfall methodology was beneficial to all of our groupmates. It helped us get a clear view of how a company can function and work on a bigger project.