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# Work division

The work was split amongst each member by category, besides working all on the code. Mirela worked on the design and documentation aspects of the project whilst Moni and Felix were focused on the implementation aspect of the project. Felix and Moni worked a bit on some of the documentation as well. Yash did a bit of everything, some documentation; design in the sense of diagrams and also some implementation/coding. We all had done brainstorming about the functionalities we would like to implement and the whole project itself.

# 2. Personal Reflection

* Yash

I feel like this project went pretty well, considering our circumstances and the issue the world is experiencing at this moment. We met almost all of our requirements and our milestones. The project could have gone much smoother if the current world outbreak had not occurred, but it is something we must take with us as experience for a future possibility of a similar situation. My groupmates were always ready to work on the project and had no issue in the organization of meetings and discussion times. We all worked well with each other and I look forward to working with them again in the near future.

* Mirela

I would like to say that I am happy to have groupmates to get along with. For my personal development, I have learned a lot from this project. We successfully maintained the communication between us, since we are from 4 different countries all around the world and this whole thing with the Corona Virus. I think we could provide a better solution if we had more information provided. Overall, I want to thank my teammates and our tutor for having good and professional collaboration skills.

* Moni

Firstly I would like to say this project was a challenge for me, because of current situation in the whole world. It was really complicated to communicate and to finish this project via internet apps like WhatsApp and Discord, because we are from different countries, therefore the time of the day is different also. But on the other side the project was very interesting and I think we have learned a lot from it. For example we upgraded our communications skills and our teamwork. I hope Media Bazaar assign us a new challenge soon.

* Felix

I think that as a whole the project went pretty well considering the situation. We experienced quite a major setback with the whole corona outbreak, which led to us needing to push back the deadlines we set and needing to up our work rate. Personally however I see this as beneficial as random occurrences like this happen in the real world as well. As a group, we did gel pretty well even with the circumstances, everyone helped out and contributed when they should have which led to a even work split with everyone working on various aspects. The use of technology, specifically WhatsApp and Discord regularly also ensured we stayed on track and were aware of changes to the project that were made by various group members

# 3. Reflection about applying Waterfall

* What are its strengths and weaknesses?

After using the Waterfall methodology for this project, we have come to realize some of its strengths and weaknesses. The first strength we found is that the clients have a clear idea of what the program will do and also have knowledge of the size, cost, and timeline for the project. The second strength we found was that it helps to determine the end goal early. It also transfers information well with a clear structure. Of course, there must be a weakness to some strengths and we found that it is difficult to make changes as the developer cannot move back to a previous stage to make changes after that has been completed. Another weakness is that if there is a slight error then the whole project has to be started from scratch with a new code. There is also little opportunity for the customer to preview the system. Hence, applying waterfall made it easy to work with and manage, but also was inflexible and the amount of risk and uncertainty is high.

# Reflection about applying Iterative

Applying Iterative Approach to this project, came with a new concept of building an entire application. We came up with a conclusion about this approach. We liked the fact that we had multiple sprints and we enjoyed meeting our client. In the begging we developed a simple system and sprint by sprint our progress gained more complexity and a broader feature set until the final system is complete.