

Eat & Meet – Process Report

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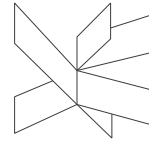
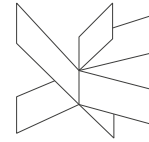


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1 Introduction

We conducted the project the course of the spring semester, starting with a period of time where we attended lessons bi-weekly in order to learn the methodology to follow when conducting certain activities related to the project, and the general rules and guidelines for the exam as a whole.

In order to be able to work together despite attending the semester remotely, we immediately decided to upload all documents on the Microsoft Teams platform so that they could be worked on by multiple members at once, everyone have the latest version and we have them stored safely with backups.

We initially met weekly to discuss any issues that needed to be tackled, to go over assignments related to the course and to brainstorm ideas for the project itself. After that the group had settled on the final idea for this project, we decided to split up into two sub-groups during Easter break, each with their own dedicated supervisor, focusing either on the business or ICT aspects of the project.

Each team kept in touch with their dedicated supervisor and handled their own schedule, however we resolved to keep meeting for a quick review every other week in order to keep track of each other's work and stay in touch throughout April and May.

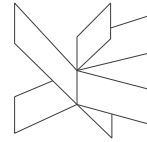
The ICT team decided to make use of the Easter break to learn the necessary tools to carry out the project and set out to start working on its most basic aspects soon after.

Due to the abundance of other assignments and exams we were forced to meet and work less frequently during the weeks of mid-May, but we eventually resumed full schedule after the end of the semester's lessons.

We then focused solely on finishing the project and resumed meetings as usual.

Most of the ICT team members decided it would be best to meet every day to work on the website, and as a group we chose to reserve the last week before the hand-in to complete the necessary report documents.

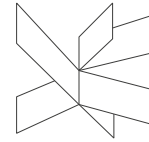
The GBE team decided for its part to split the tasks between its two members so they could deal with them in the most efficient way possible.



After agreeing on the key areas of the project, the students in charge of the business part of the project were able to work at their own pace while keeping each other informed of the progress of the work in its entirety.

Taking into consideration the time schedules of each team member and other projects and assignments due, we felt that this working method offered more flexibility to each of us and allowed the group to carry out this project with more freedom.

As for the relationship with our supervisor Lene, after doing a meeting setting the base of our work, we chose to maintain written contact as long as we had no questions for her, given everyone's obligations and availability which left little room for regular meetings, this way of communicating seemed the most adequate.



2 Group Description

Our group members:

- **Tommaso Brumani:**

Italian, Computer Engineering student from Politecnico of Milan (3rd year of Bachelor Degree).

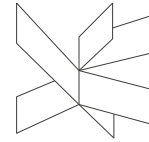
I have started programming at the start of my university studies two years ago, and have since had a chance to use programming languages such as C, Java, Python, SQL and VHDL. Before this semester I had no experience with web development and languages such as HTML, CSS and JavaScript.

I have conducted two academic technical projects on my own during my past school years, using programming languages covered in previous courses but with extremely limited supervision beyond the definition of the purpose of the assignment. None of my previous projects had required me to choose their scope and objective. Throughout this semester I have also conducted one other team project with students from my home university, and three other smaller projects with international students during my studies at VIA as part of other courses.

- **Juliette Debressy**

French, Computer Science student from the IUT of Illkirch (2nd year of DUT)

I have studied various technologies and programming languages, but not necessarily in depth. I have used low-level languages like assembly and C, object oriented languages with Java and C#, data-query languages such as SQL, SQLite, MySQL, and studied web development with HTML/CSS/JavaScript, jQuery, and later PHP and the framework Laravel.



My home university usually required at least one project in each subject, either in group or alone, and varying in scope, sometimes covering only the design and conception phase, sometimes only implementation of a given subject, and sometimes both. The largest project we had to take on was realized over the course of ten weeks, in groups ranging between two and five participants. We had to create a serious game covering a given theme, by means of our choosing, and setting the goals and requirements ourselves.

- **François Foltête:**

French, Computer Science student from the IUT of Illkirch (2nd year of DUT).

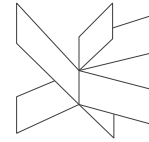
I have studied different programming language and computing concept in my home university such as, object-oriented programming in Java, networking (coded in C), web development with HTML/CSS/JS and the Laravel framework with PHP, creating a database and programming it with SQL, POSTGRE SQL, SQL, Lite.

I've made numerous projects in my home university, we had to make a project alone for nearly all classes. And project in pairs, these projects were used to applied what we learnt during these subjects.

We also had one big group project where we were given a precise subject and we were asked to create a serious game about it. It was the project that was the most similar to this SPRM1 project.

- **Franck Julien:**

French, Business and Management student from the institute of business administration of Montpellier (Third year of bachelor's degree).



I had the opportunity to study all the key aspects of management during my two first years of bachelor and i was also able to follow the project management course here at VIA University college during my first semester this year.

I have already conducted several projects in my home university during my previous years of studies but nothing that looks like this semester project.

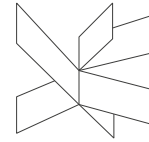
I also had the opportunity this year to carry out some multicultural projects in several of my courses that taught me a lot about group work within an international team. However, all the projects I have done so far were really different from this semester project that required a lot more effort and investment from the whole team.

– **Naveen Kumar**

Business and management student from Pakistan.

I have had the opportunity of working in a group many times, however, this was the first time I worked in a group as culturally diverse as this one. Moreover, I have not conducted a research on such a large scale before but have a strong hold on how to conduct a PESTLE analyses, use PORTERS five force model and carry out an internet-based market research to identify threats to a certain thing. These skills helped me a lot in this project and allowed me to give my best.

Moreover, I have also previously had the experience of managing social media and working on projects regarding effective marketing strategies to maximise reach and audience. This further helped me with the successful completion of my part of the project.



3 Project Initiation

In the first few weeks of the semester, we discussed possible ideas upon which to base our project as part of the course's lessons. Despite the difficulties of making a group while attending lessons remotely, we were able to get to know each other and to quickly settle on an idea we all agreed upon, which we expanded in the following days.

Coming up with multiple ideas in such a short time, and while trying to familiarize ourselves with our teammates and the university, proved quite challenging. At the end of this phase, we had only one concrete idea that we thought plausible as a purpose for our project, which is the one we ended up choosing.

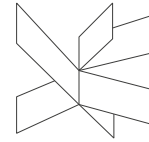
The biggest concern of the group was to develop a project based on an issue that was adequate to the actual context and that affected as many people as possible with whom the different members could identify.

The first phase of our thinking process was thus to take the problem in the opposite direction before finding potential solutions on which to base our project.

Through this method we were able to agree on a problem that needed action to which our project could respond.

Moreover, one of our biggest concerns was to find an idea or process that would allow us to address the issues raised in an innovative way and not simply duplicate something that was already existing on the market.

Once all these parameters were taken into consideration, we had a clearer vision of the work we would have to do and we were able to begin to work on the elaboration of the project description, which would constitute the framework of our project, including methods and processes, thus constituting the framework to follow throughout the semester.



4 Project Description

After an initial brainstorming session with all the group members we decided to split up the work, so that each of us would have their own sections of the project description to write and could manage their time as it best suited them.

This approach was chosen as attempts to work remotely on the same documents had proven scarcely fruitful due to problems of communication and visualization, resulting in slow progress.

We then met once again to review the results of our individual work, and to ensure that each member agreed with the final version of the document. Each member read through the whole project description, suggesting changes and updates if they saw fit until the document was ready.

At this time, we also engaged for the first time with our supervisors, who provided useful insight on what could be improved. After our supervisor's recommendations, we repeated the same process to make sure that our project description was as good as possible.

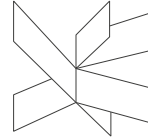
The purpose of this first project description was to lay a solid foundation for our future work.

It was therefore crucial for all the members of the group to note down as precisely as possible the objectives and the processes that would be involved in achieving them.

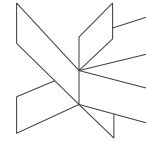
It was also important for us to associate each problem and sub-problem with the methodology we had to apply in order to address them, without directly talking about the solutions that the project would ultimately provide to these problems.

So this must have probably been one of the most complicated part of this task. It has been such a challenge to take into consideration our entire project and explain the methodology without talking about the project as a solution.

Once we had completed our project description, we were able to submit it to our supervisors who were able to give us advice on possible improvements we could make,



and finally give us their validation. Thus, after a number of exchanges with them we were finally able to start working on the technical part of the project.



5 Project Execution

As far as the execution of the project is concerned, we decided to give each team (business and ICT) freedom to work on their own part at their discretion, so as to be able to best manage their time and resources, and not be hindered by having to explain in great detail their work to the members who were not familiar with the tools or techniques used.

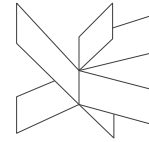
Nevertheless, we decided to meet regularly as a group, in order not to lose touch completely with what either team was doing. This approach was successful at the beginning, but the increasing number of other assignments with strict deadlines when approaching the month of may made it difficult to progress, and thus made it difficult and sometimes unnecessary to meet during this period.

This approach certainly allowed us to manage our time more efficiently and gave each team full responsibility over the outcomes of their work but paired with the remote nature of the semester made it hard for the team to bond over the shared work and to keep track of the project's concrete progress.

The ICT team initially spent time to look for solutions on how to develop our application. After some research we decided to make a website using VueJs as a front-end of our application and Google Firebase as a back end, mostly to store our data and authenticate users.

After completing the definition of use cases and some graphical mockups, we endeavored to learn the chosen front-end framework (Vue.js) through a course on the Open Classroom platform¹, as none of its members were familiar with it prior to this project. We also spent some time to look for ways to work with firebase, and also firebase with VueJs, we found VuexFire a library to make it easier to bind data between the Vue and firebase.

¹ [Vue.js tutorial on Openclassrooms.com](https://openclassrooms.com/tutorials/vuejs/)



The allocated time for this learning period was the Easter break, and most of the members were successful in finishing the course around that period. Using the break to work instead of resting might have been detrimental to the group's stress levels but was likely a necessary consequence of choosing an unfamiliar framework for the project. During this time, we tried to work side-by-side using voice chat every day, it was a way to motivate and boost our moral, as we could help each-others. It also contributed to learn how to work and communicate with each other, which is essential in a team project.

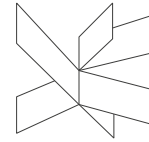
After this initial course, the team also followed a step-by-step tutorial² on how to realize a web app integrating the Vue.js and Firebase technologies, for front and back-end respectively, as we had scarce experience with both. This proved to be a very wise decision, as having a base upon which to build our site instead of starting from scratch was extremely helpful in getting us started on the project.

Our progress was unfortunately stalled during May by the necessity to complete other projects and assignments, but most of the team succeeded in resuming their work soon after the end of the lessons. This was unfortunate, but it is likely that little could have been done to prevent it.

At this point, most of the members of the ICT team started meeting daily, working the entire day while communicating through voice-chat in order to help one another and keep each other motivated. This proved an effective method to keep in touch with each other and maintain focus despite the distance.

It was pleasant to be able to feel a sense of camaraderie despite not having met each other in person. However, we were afraid that we would not be able to finish our project in time. Indeed, we underestimated our chances of being able to complete the project on time due to our initial inexperience with the tools used and the fact that we had to stop working on the project during the month of May. This led some of us to work perhaps too much during this phase to ensure the deadlines would be safely met, and to sometimes severe workload balancing issues.

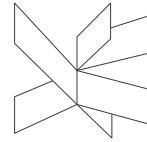
² [Guide to build a web app using Vue.js and Google Firebase on Savvyapps.com](#)



But at the end, our strategy consisting of meeting every day to work on the app development was effective and we saw good progress. It was a relief and we were more confident in the fact that we will be able to hand-in a finished project.

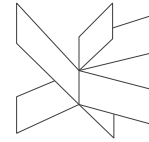
The business team allocated the tasks that needed to be done carefully to each member, in order to minimize any hinderances or disruptions in the work process. Moreover, it was ensured that the tasks are divided and the timeline is set in accordance with the circumstances and in convenience with all the members. Since most of the work had to be done remotely and it was challenging to meet in person on a regular basis, the team ensured that they had virtual meetings on a regular basis. The main focus of the team, initially, was to determine and identify the main group that will be targeted for this project. The target group was chosen very carefully in such a way that the project serves a special purpose for them and fulfill a need for them that was previously a bit challenging to deal with. Once the target group was chosen and everyone agreed with it, the next step of the process for the business team was to identify and come up with logical reasoning to explain why the project they chose to develop is beneficial for the people and how does it serve its purpose. Along with that, the business group also had to make sure that they highlight the features of their project that serve or act as a competitive advantage. The purpose of doing this was to make potential users more inclined towards choosing the proposed application instead of choosing another application.

All the points that were highlighted or used for further development of the project were done in accordance with everyone. Despite the tasks being divided between the members, nothing was finalized until each member agreed to it. Moving on, the business team also had to investigate and list down its competitors and the threats their project might face. The list of competitors had to be well-researched so it would aid in developing the project better than the competitors. Additionally, the business team had to identify who take stakeholder in this project would be. Choosing the stakeholders was an essential part of the work process because it would determine the outcome of the project and how well it does. Similarly, another important responsibility that fell on the business team was that of coming up with effective strategies as to how their services and their project will be marketed and advertised. This was an important step in determining how much reach the project would eventually get; thus, it was crucial that extra time and



though is spent in finalizing this. Lastly, the business team had to determine how the project is going to be financed. In order to do this, it was also essential that the business team came up with effective budget plans and allocate budgets for each responsibility or task that had to be carried out for the completion of the project. This would ensure that the project is completed in an efficient and productive manner.

It was a bit hard to get each member of the team together for meetings because we had to work remotely due to the unforeseen, unpredictable and unfortunate pandemic situation. Some people can be encouraged by a crisis to collaborate, for instance, to forget previous disputes in tackling a joint difficulty. However, even when there is an unremitting tension during a crisis, teams find it far difficult to maintain coordinated performance in the long term (Tannenbaum et al., 2021, p.59-63). In addition to that, the workload of other projects and assignments built up on the team members in May which slowed down the work process but the team spirit did not die and we had our supervisor to help us every step of the way.



6 Personal Reflections

Tommaso:

As one of my first group works, the project was undoubtedly a learning experience. Having a chance to work with my international teammates was wonderful, even though not being able to meet and spend time with each other face-to-face definitely made teamwork and organization much harder, and the chance to get to know one another better outside of meetings was sorely missed.

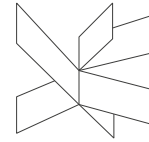
The project initiation phase was heavily impacted by this, as we had to form groups by using the Wonder platform which, while it attempts to emulate in-person socialization, does not really succeed in doing so. The groups ended up forming mostly at random, with little chance to familiarize ourselves with our classmates beforehand.

We were nevertheless able to form a functional group, although finding a topic proved more difficult than expected, especially considering it would be the object of our work for the rest of the semester.

When discussing the project description, I believe we succeeded in setting achievable expectations, which is somewhat surprising to me considering we had no previous experience with the tools we decided to use, and I personally had no experience with web development as a whole.

Regarding the execution of the project, I do wish we had started to meet and work together on a regular basis since the beginning, as there were times where I felt unsure we would meet all deadlines in time. In all fairness we did attempt to do that at the start, but the abundance of other assignments and projects and the difficulty in synchronizing our schedules dissuaded us until the hand-in was incumbent and all other personal work had mostly been taken care of.

Making use of tutorials and courses to familiarize ourselves with the tools we used certainly proved to be a wise choice however, as did choosing ones that were specifically made to be intuitive and comparatively easy to learn.



The main risks we had identified at the beginning were, of course, the possibility of not meeting deadlines, of not being able to learn to use the chosen tools and for our members to lose interest and procrastinate their duties until it was too late.

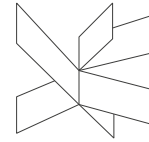
I think by monitoring each other with relative frequency we managed to limit the possibility of the first, although more frequent reviews between the business and ICT teams would have probably been more ideal. It should also be mentioned that meeting was often made hard by conflicting schedules and response times to text messages.

In regards to the second, we decided that our limit for obtaining the necessary knowledge for the project would be the Easter break. We did not strictly adhere to this schedule but most members succeeded in keeping up with this plan, ensuring we would have ample time to realize if we had made a mistake in walking an unfamiliar path. As for those who didn't, an extended period of time was available to them to do so even after the initial time period, but as even that didn't prove sufficient, it is perhaps the case that a greater effort should have been undertaken to ensure that all members stay motivated and respect deadlines.

In regards to the final risk, we once again tried to avoid it by keeping an eye on each other, but it was made extremely difficult during May, when, as mentioned, each member had their own assignments and problems to take care of, and finding time to meet or work proved quite hard. Most members nevertheless succeeded in resuming work soon after the end of the lessons, which was helped by holding more frequent meetings and joint work sessions by employing voice chat.

In the end however I am of the opinion that we managed to realize the kind of platform we set out to, a social network where individuals would be able to bond over food with ease, and while it would of course have to be perfected before being released to the public I am very proud of the work we carried out.

I believe we mostly succeeded in cooperating and helping one another throughout the course of our work, although finding suitable times to meet was an issue more than once, and communication itself, being often times asynchronous in nature and delayed by each member's schedule and availability, was sometimes slightly frustrating. I do not believe this problem would have presented itself if we were able to meet in person, but



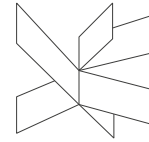
considering the circumstances, I think we were mostly effective in handling these aspects sufficiently well.

I think we mostly managed to adhere to the group contract by keeping each other regularly updated and always treating one another with kindness and civility, but for a variety of reasons ranging from miscommunication, to scheduling, to personal problems, a few members ended up grossly not meeting the deadlines for their work, causing the rest of the team to have to take care of their duties, sometimes leading to dire overworking situations.

I personally tried to keep everyone up to date on the progress and to organize meetings for the group by asking regularly when they would be available. I also attempted to make sure we would meet the deadlines for the site's realization, and coded personally a substantial amount of the site's code.

Finally, I believe our cooperation with our supervisors was satisfactory, although we did not feel the need for numerous meeting, and perhaps we could have made better use of the provided time for consultancy. It is possible we should have engaged more in such a manner, but since we had very few clear questions, we preferred not to waste the supervisors' time more than necessary.

Overall, I think I learned many things from this experience, from the pitfalls and "red flags" of a group project to new and exciting tools and platforms. I believe despite some organizational problems accentuated by the Coronavirus situation, most of us managed to work successfully as a team, and while I wish I had to invest less time and energy to sometimes ensure the smooth proceeding of the project, I am glad I was able to bond and get to know my teammates, and that we were able to support and learn from one another.



Juliette:

This project was daunting and exciting at the same time, as it was the largest in scope I had ever been a part of. Having so much freedom in selecting the topic and execution of the project was both an occasion to apply all that I had learned about teamwork to a concrete application, and to repeat all of the mistakes I had seen in previous projects, only with bigger responsibilities and consequences.

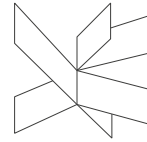
The group agreed on a subject very quickly, considering we were mostly paired up at random, without ever seeing each other in person. This was highly motivating and kept us focused on defining the specifications of what we would end up producing. Moreover, the SPRM lessons gave us some necessary structure in defining our priorities.

We originally planned to meet bi-weekly, as a whole team, but soon decided to separate ICT and GBE meetings, as we would be working on very different things and wouldn't necessarily have relevant input for the other team. This was however derailed pretty early in the semester as every member was making time for their own deadlines and hand-ins for other subjects. This didn't seem menacing since we were still updating each other regularly and sharing the work we had completed.

I was very involved in the design and conception phase of the project, as I was aware that most of the issues in the previous projects I was involved in stemmed from going in too confidently and diving head first into difficulties we hadn't thought about or planned for. We defined requirements, realized diagrams and drew sketches of what the interface could look like.

Since the ICT team didn't have the same technological background, we chose to use a framework that was new to everyone and to follow an online course to learn Vue.js, which we picked because of its accessibility, its popularity among web developers, and because it could be valuable knowledge for our future careers.

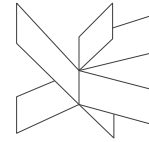
I also spent most of April learning to use Figma, a designing tool that we decided to use so we could have sketches for our project report, and to streamline the designing process later on since we could use plugins to export css files based on what we created in the graphic interface, even though at this point, we hadn't started on the website's code and



didn't know where each component would fit. We eventually dropped the idea and didn't use it for the final design.

When editing the css for the website, I tried to keep the pages responsive so that they would be accessible from different devices and not only from a desktop computer. I wanted the layout to be understandable and readable. I wish I had harmonized the css to make it more maintainable, and had added different color themes, for preference as well as accessibility reasons.

To conclude, I wish we had spent more time thinking about our next step, every step of the way. Our initial group contract might have been too naive and could have been more specific, especially concerning communication issues. The remote situation also made it hard to keep healthy boundaries between work and personal obligations. We still managed to work together as a team and create an application that meets the requirements we set in February.



François:

This project was the first project of this size in my studies. The fact that it was done entirely in English and with total strangers was a good thing for me because it helped me improve my talking. The cultural difference was also a nice aspect I looked forward in my ERASMUS. I got to learn about the difference/resemblances in the studies of other cultures and it did not cause any problems of understanding.

Our group project was formed on the Wonders platform, because of the pandemic situation we were not able to meet each other and have a better way to learn to know each other's. We mainly made the group with our studies programs, that is to have ICTs and GBEs students.

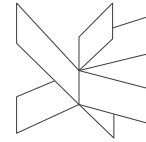
The fact that we had full freedom on the choice of the project was a first for me. To have such a freedom is an advantage and an inconvenient, you can do what you wish, if you have a nice idea, it is easier to motivate others and to work on it, but if you do not it can be hard finding one.

We selected our topic by doing a brainstorming session to come up with ideas. I had the vague idea of doing something with cooking and meetings, and we found that this idea was good for a project and in the current situation it would be great to meet other people. The group quickly accepted the subject and we started to plan everything.

For the meetings, we planned to hold them occasionally to keep each other (GBE, ICT) updated on the progress of each part. However, we lost a little bit the meeting during May because we had a lot of hand in for other subjects.

For the ICT team, we decided to take technologies that we did not know because none of us worked on the same technologies, so we decided to start from the beginning. We chose Vue.js and firebase because they were easy to learn, and nice to work with. For the next project I think it would be better if at least one of the members knows the technology so it would be easier to learn.

To learn these technologies, we found online tutorial that were treating the subject. We first started with a Vue.js tutorial going through it together in the easter break. Doing



the tutorial together was a good idea because it kept us motivated and we could ask questions to the other members.

Because we decided to do a project with technologies we never worked on before, even if they are accessible and well documented, a big risk was that we would not be able to effectively know them and cannot do a well made (or not being able to finish) the project.

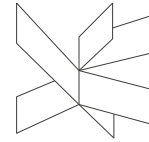
I can say that I am satisfied with the result of our project even if I think we could have done better if we had a better time managing. I regret that the project was done in remote because it loses a lot of advantages. Work management would have been easier if we could have been able to meet in real life and have work sessions. I also believe that the social part is important, especially in an ERASMUS project.

I think the cooperation was mostly good, it was a bit hard sometimes to handle everyone's time schedule, hand-ins and other personal issues. Everyone was motivated to work on the project most of the time. We decided to have a deadline of the end Easter break to finish the tutorial for Vue.js, we worked together and most of the members were able to finish the tutorial.

We really started working at the end of May, we decided to work together every day on the vocal chat where most of the members would join to work. I think it would have been better to start earlier to work on a daily basis (or at least have specified day in the week) where we worked together on vocal. This would have been better way to follow everyone works and keep everyone motivated. We left a week to do the reports, we made the mistake of not starting to write it on a usual basis.

However, I am happy about what I have learn and what we have done. We were not in the perfect condition, but we still managed to do a working web site. I have also learnt a new framework (Vue.js) and Firebase, I have improved myself with JavaScript and greatly with git. It is an important aspect of project, to learn new things such as new technologies, working in group, time handling, dividing the work and socialization.

I regret not being able to have a nice dinner at the end of the semester with the project members to celebrate our work.



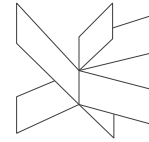
Naveen Kumar:

Being a part of this group taught me many things. First and foremost, the opportunity of working with a culturally diverse group gave me a lot of exposure and taught me how to communicate with people in accordance to their specific characteristics and personality traits. This, I believe, improved my communication skills and will help me immensely in the future as well, not just as a student but also as a professional.

The work and the responsibilities were divided within the group in a very efficient manner. Initially, I thought that would be difficult since the group had so much diversity in terms of both culture and the programs. There were IT students and business students both involved in the project. However, the tasks were divided based on an optimal timeline, in a very efficient manner. There was no conflict within the group, and everyone handles feedback and criticism in a respectful, mature way. Moreover, everyone worked very responsibly, for example, my team member showed up for virtual sessions and in-person sessions whenever it was deciding. All the tasks were also completed in a timely manner.

Since the pandemic restricted our freedom as a group to meet in person on a regular basis, it did sometimes result in a lack of motivation, but the team members and the supervisor were always there to lift the spirits of fellow members. It was an extremely nice and important experience working with this group.

This group project also made me realize that in future, if I am a part of another group, I need to work in accordance with the rest of the members and take their feedback as a chance to improve my work. Moreover, it also made me realize that collective goals of the team are bigger than my individual goals and the losses and wins of the group are shared thus collaborative work and consistent feedback is the key to success in a group project like this one.



Franck Julien:

This being my second semester here in Denmark at Via University, I have already had the opportunity to do other projects with an intercultural connotation. This has allowed me to deal with cultural differences more easily than in my first projects. This first experience also allowed me to approach this project more serenely as I was already familiar with the type of expectations of the Danish system but also with the project and report writing methodology.

However, this project was different from previous ones. It was the first fully remote project I had ever done.

This constraint was therefore a major factor in the smooth running of all our work. For example, from the very first sessions of the course, it was much more complicated to form groups as the only contact we had with the other students was digital, which made the first exchanges more delicate.

After the formation of our group, we managed to work despite the distance throughout the semester.

We managed to find a rhythm and a working method that satisfied everyone's expectations, skills and schedules.

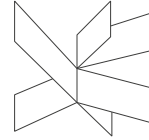
The understanding in the group remained cordial and respectful throughout the whole semester, whatever the situation or possible problems we had to solve.

This good understanding, together with the working method that we jointly chose to adopt, allowed us to benefit from a great freedom of reflection, which was particularly conducive to an innovative approach to the ideation of our project.

This semester has shown me another facet of project management and has allowed me to confront new challenges.

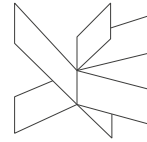
I am very happy to have had the chance to be part of such a project and I think it was an excellent experience, both personally, professionally and technically.

I learned how to work more effectively in a team and how to structure my work well.



The only point I think our group could have worked on more is perhaps communication. The context and the distance work meant that at times communication was not perfect, which may have slowed down the flow of information.

However, despite of this, the group was able to react to the problems encountered and find appropriate solutions in order to hand in a satisfactory work in the time available.



7 Supervision

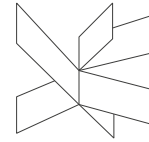
We decided that each team inside the group would interact with their own supervisor – Lene for the business team and Knud for the ICT one.

On the ICT side, supervision was always clear and on point, we were able to communicate quickly with our supervisor using emails to ask questions and to set up meetings very easily, we always felt that our questions were answered.

Despite this, we sometimes felt that we were perhaps not making full use of the supervisor's time, as we often did not know what to ask them and thus ended up almost exclusively requesting clarifications on bureaucratic matters. It may have been a good idea to meet more often with the supervisor to show him our progress and ask for feedbacks.

The business supervisor, Lene, was extremely helpful and supportive every step of the way and was there whenever the business team needed guidance or any sort of help. The communication between the team and supervisor was very clear and the supervisor always made the team feel very comfortable so they could ask the supervisor whatever they had in mind. It was not hard to set up meetings with the supervisor if a meeting was needed.

It was very helpful for the business team to have constant supervision because the supervisor would be consistent in giving us feedback so we can improve on our work. Moreover, the supervisor would also advise us on how to manage our time and proceed with a task in the most optimal way. Lene also had a way of motivating us and keeping our team spirit intact.



8 Conclusions

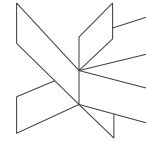
When attempting to execute a project with mostly unfamiliar tools, it would be better if at least one of the members already had some experience for each of the tools, so as to be able to provide guidance to the rest throughout the process.

When working on a project remotely, it is very helpful to motivate one another by staying on voice chat or video call while working, so that, even without interacting, each member feels like they are part of the team and are encouraged to work hard.

As for the previous recommendation, if the project can be done in person, it is better to meet in person. It has a lot of advantages such as socialization, motivation, helping each other's and communication is easier.

When following a tutorial or a lesson, it is very useful to split the lesson in chapter and have clear deadline to do the chapter. With, as said in the two previous statemen, a set date to work together on a voice chat (or better, in person).

When working in a group, it is always more helpful to finalize things after everyone has agreed to them. This would help in avoiding conflict within the team members. Moreover, the group should also be ready to take constructive criticism from one another and feedback so they can improve on their work. The understanding within each group member should be such that there is no hesitation in giving feedback and it does not result in conflict between the group members. Moreover, since everyone is mostly working remotely, it will be helpful to stay in touch on messages to update each other on the progress of the work. Moreover, regular virtual meetings will also be helpful. This will encourage team members to work harder as it will boost their motivation. Additionally, it is also recommended to take help of the supervisor whenever needed rather than shying away from it a sit can help you improve your project a lot. Lastly, there are times when a team members perception regarding the team is not shared with others. Even if the perceptions of a team member towards his team are not shared, they should not be construed as not correct or important. An erroneous or divergent impression of one team member might nonetheless affect its attitudes and conduct towards the team (Wildman et al., 2021, p.119-134).



Sources of information

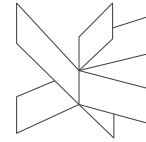
Tannenbaum, S.I., Traylor, A.M., Thomas, E.J. and Salas, E., 2021. Managing teamwork in the face of pandemic: evidence-based tips. *BMJ quality & safety*, 30(1), pp.59-63.

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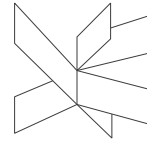
Appendices

Week-by-week planning:

- Week 5/4 - 11/4:
 - ICT group: use cases definition, mock-ups and graphs creation, learning Vue.js on OpenClassroom
ICT notes: Started the Vue.js tutorial together, meeting almost everyday to work in parallel.
 - GBE group: define the target group of the project
- Week 12/4 - 18/4:
 - ICT group: graphical mock-ups with Figma, more learning on OpenClassroom
ICT notes: Some members of the group have yet to finish the Vue.js course, for now they will keep on going through it.
 - GBE group: research on the target group and creation of the persona
- Week 19/4 - 25/4:
 - ICT group: learning Firebase Firestore, implementing login and signup functions following tutorial with Firebase Authentication
ICT notes: Most of the members have finished the course, and will now start looking at a tutorial on how to build a site integrating vue and firebase.



- GBE group: Strategic analysis (BMC, PESTEL)
- Week 26/4 - 2/5:
 - ICT group: implementing dashboard and settings pages following tutorial
ICT notes: Continued work on the site tutorial by the members who have finished the course. One member still has to finish the course.
 - GBE group: strategic analysis (SWOT)
- Week 3/5 - 9/5:
 - ICT group: pause to work on other assignments
ICT notes: we have agreed that we will resume work as soon as the other lessons and assignments are over and we have time for it again.
 - GBE group: pause to work on other assignments
- Week 10/5 - 16/5:
 - ICT group: pause to work on other assignments
ICT notes: we have agreed that we will resume work as soon as the other lessons and assignments are over and we have time for it again.
 - GBE group: pause to work on other assignments
- Week 17/5 - 23/5:
 - ICT group: refactoring the site's dashboard, implementing post creation
ICT notes: some of the team members have begun working on the site again, changing and expanding what was done while following the tutorial. One member still has to finish the course.
 - GBE group: marketing analysis (Marketing mix)
- Week 24/5 - 30/5:
 - ICT group: implementing user profiles and post boards



ICT notes: some of the team members are still working on the site, progress is speeding up. One member still has to finish the course: given the imminent deadline, the work on the site that needs Vue.js will be handled by the others, they will take care of CSS.

- GBE group: communication analysis

- Week 31/5 - 04/5:
 - ICT group: working on hand-in documents
ICT notes: the site's code is completed, save for some CSS. The members that were working on the code have moved to writing the report.
 - GBE group: working on hand-in documents

Meetings with supervisors:

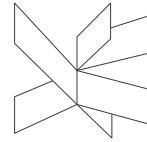
- Knud 22/03 - 1h
- Knud 07/04 - 30min
- Knud 27/05 - 1h
- Lene 25/03 – 45min

Meeting logs for the whole group (ICT + GBE):

- 12/04: discussed progress with ICT and GBE,
ICT finished learning Vue.js, GBE finished making changes
to project description

- 21/04: discussed progress, ICT implemented login functions and
some back-end for the site, GBE is working through the choice of models
and methods

- 27/05: discussed progress, ICT has almost finished the site
and will move on to testing, GBE is working on



a few documents. Everything should be done before 02/06, so we can write the reports.

- 01/06: discussed progress, ICT is done with the site but is still tweaking its appearance, and has already started working on the reports. There has been an issue with GBE where not all documents that were supposed to be completed were actually delivered.
- 02/06: discussed progress, both groups are working on the report. ICT has stopped working on the site's appearance for now, might resume later. An issue of miscommunication has come to light in regards to some GBE documents, it will be handled tomorrow by the competent parties.
- 03/06: discussed progress, the reports are close to done. Last additions will be made within the day.