Roles

We have not defined any specific roles for the participants in terms of the making of the project as we doubt there would be enough time to build it with the given time frame. However regarding the preparation for acquiring materials and searching for investors to fund the project, certain members have been entrusted with certain tasks. Roland and Tim have the task of seeking potential investors and/or partners to assist in bringing the project to life. This would involve going and meeting potential investors and partners and a persuading them why the project is worth their time and commitment. Ricky and Artem are tasked with giving the project exposure to potential customers, surveying them and looking at the customers’ needs and expectations from the project as well as creating a website, spreading awareness to more customers and investors.

Group processors and communications

Everyone in the group understands how vital keeping communications is. Our main form of communication is through discord where we have created multiple text channels for specific assignment parts such as #presentation and #activity-log to simplify things. We used the weekly tutorials as an opportunity for everyone to come together to discuss thoughts and gather ideas. Other than that we usually go into a voice call in discord to talk about the assignment. We have not had an issue about members not responding to messages, but if we did encounter that problem a solution could be attempting to email the person or facebook messaging them.

Group reflection

Timothy

I think for the most part our group performed well. What went well was that our team communicated and sorted out who does what part. Using discord made it a lot easier for everyone to talk to each other and discuss the assignment. Even if members were not physically at the tutorial, we could still talk to them through discord and ask for their opinion. I learned that when working in a group, communication is crucial. Without it, any group would fall apart. Communication is necessary to delegate roles and tasks, discuss thoughts and opinions and avoid arguments.

Roland

For me, the experience was very energetic. There were times where, as a group, we would become frustrated as we came across a variety of complications. Despite this, I would add that we had good communication in general, which allowed for us to overcome the issues we faced. As a group, we were very much on the same wavelength and co-operated well together. There were times where group members would fail to meet group requirements (myself very much included) in terms of attendance to classes and our own assignment deadlines, but I think ultimately we conquered that effectively. The lack of physical meeting, I would say, was an element that limited our capabilities, but after reviewing the assignment in hindsight, I’m not sure if a physical meeting would have been entirely necessary. We were all fairly agreeable and open to one another's suggestions and we all allocated ourselves to our own roles without any friction from the group. The assignment, in its entirety, was intimidating for our group at first, but in the end it was easily conquered as a result of our ability to work eagerly, efficiently and effectively.

Ricky

What went well

* Group’s willingness to work on the project
* General quality of everyone’s work

What could be improved

* Lack of ability to communicate instantly. Perhaps a better instant messaging app is needed

What was surprising

* GitHub’s feature in organizing in project

What you have learned about group

* Defining clear outline of what needs to be done and the due date, but also preparing a backup plan should things do not work out according to the first plan.

Artem:

We worked together fairly well managing to get organised and to plan out our personal contributions to the project. Work was fairly good and in spec. Also the fact that we did not do that much work in practicals instead we spent the time mostly planning how we would do the work.  We also should have done more work earlier as we had planned to do instead of leaving a significant amount of it for the last week. I found that how well we planned out the individual workload for this assignment and how useful having a group discord was to achieving that feat. I have learned that this is a fairly well working group without having any serious conflicts or issues during the process of completing this assignment.

Skills and jobs

All applicants need to possess innovative thinking, critical analysis and proficient problem solving skills, show impeccable punctuality as well as be able to work well in a team.

Position #1 description

Programmer - Someone who has extensive knowledge in a variety of different programming languages such as Java, Python and Swift. Java for general programming, Python for machine learning and Swift for app development.

Position #2

User interface designer - Somebody who is very experienced with user centred design and can theorize how users would interact with the device and focus on maximising usability and the ensure positive user experience.

Position #3

Systems and data specialist – Someone who is able to analyse and verify data and make corrections to existing data as need be to ensure accuracy of the information being recorded. They must be able to consistently generate reports and provide technical support and assistance.

Position #4

Project manager – Finally, someone who can efficiently plan, budget, oversee and document all aspects of the project. They will be in charge of the team to get the job done, and are responsible for the completion of the projects objectives.