

UOL – CM2020 Agile Software Projects

Team 44 – Tutor Group 5

Week 5 – Meeting Summary

May 22th 2023

Week 5 team activity :

Each team member presents results of their investigation.

Then, we have a final discussion about the use of technology at school.

Florian mentions a newspaper article about the overall decline of pupils' level in Sweden consequent to use of tablets. Maxime evokes a similar problem about writing practices. Anh talks about her personal experience in a hotel with virtual booking and problems encountered.

We agree about finding a balance between the use of technology and traditional ways of learning + human presence. (Yağmur was involved in the conversation just after because of a technical problem with the microphone)

Brainstorming ideas :

We skip this item because we all already have a lot of ideas to present.

Specific ideas presentations :

Maxime opens this discussion proposing an application that analyzes blood test results, providing quick analysis with markers indicating how your health is evolving over the time and alerting if something is not good. He shows a real biological analysis as an example and explains how this kind of metrics could be used in the app.

Barry suggests creating a chatbot using the Python Chatterbox library. He also makes a proposition about a computer vision-based game using webcam input and involving motion control/hand gestures. He talks about the Eye Toy example from the PS2. Yağmur mentions the Xbox Kinect as a reference for similar interactive experiences.

Yağmur presents an idea about a health app where patients can access their medical results and appointments. She already submitted a detailed written document about this idea + another idea to build an online bookstore. She links the idea of a health app with the one from Maxime. Anh asks about a technical solution for a database. Barry discusses the use of SQL. Florian mentions similarity with the French DMP system. Maxime agrees and explains the DMP system.

Anh presents the idea of a program to simulate auto collisions for insurance purposes based on a physics engine. Barry asks about the use of matter.js. Anh says it can be used. Anh submits a second idea about building a movie recommendation system based on user preferences. It can be done using a database. Yağmur suggests the existing IMDB public database. Florian asks if it is free. Anh answers IMDB is a solution, and it can be freely accessed through an API with a simple key, the system is designed for study purpose and not really for commercial uses.

Florian explains why the idea of a show control software timeline-based for lighting systems is not a good idea (niche market, difficulties to find users). He also comes up with the idea of a live audio broadcast on smartphones during live events but rejects the idea (technically challenging). Finally, he explains a detailed idea about an application to make people meet each other using the sport as a medium (running). Users choose a running route on a map like a subway map and other people can join.

Team members engage in dialogue, share their thoughts and suggestions about this idea. Barry highlights similarities with Strava. Yağmur has an idea to gamify some elements, bring rewards and levels based on user participation. Maxime mentioned the idea of creating groups of runners based on criteria like age, distance, music preferences. Yağmur talks about music similarities app. Anh asks about what kind of technology we could use to build it.

Discuss and select projects

There are further discussions and questions about healthcare tracker from Barry. Florian highlights the importance of finding users for testing. Maxime and Barry discuss starting with family and friends as initial users, then expanding to other networks. Anh proposes other possibilities and various options modifying the social app.

Further discussions on the pros and cons of each idea including technical challenges and potential issues with users. All team members vote for the preferred project and have an agreement on a short list including the healthcare application, the movie recommendation app and social running app. After some discussions, Maxime, Yağmur and Barry raise concerns about varying levels of knowledge with medical data. Team members agree to focus on the running app and movie recommendation. Further discussions about possible technical expertise concerning the medical app.

Finally, the team prefers to agree on the running app to not lose too much time making a lot of research on different topics. We also agree to keep the two others' ideas if things are going wrong with the first one.

Tasks are assigned to the team to make research about sociological papers related to how people meet and how they use current technologies for this purpose. Doing a SWOT analysis on the three shortlisted projects ideas is considered. Tasks are clarified for the upcoming weeks and peer reviews activities are discussed.

User-centered design

This item has been briefly discussed above in the other sections.

Organization

Florian talks about finishing the midterm report within one month. Yağmur asked about using Jira, Florian answered it is more related to the second phase of the module. He will produce a Gantt chart for the coming month, but just for the internal planning of the team, not to be published on the midterm report (tbc).

Team members agree to plan a new meeting on May 25, 2023 07:00 PM London. Research investigations and week 6 assignments related to SWOT analysis will be discussed.