

## Personal Experience Report

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In the first half of the semester from when I joined this group in week 4 to the presentation after reading week, I mostly spent my time communicating with all the group members and refactoring code from the different separate android studio projects to make it fit together in one single project. For this I had to communicate with the other group members quite a lot to keep track of which files were important and what changes regarding layout and minor functionality elements I was doing. I also had to update everyone on the changes to the file structure so they could effectively continue working in the new project and find all their respective files that had been renamed. When I joined the group, I took over the duty of group secretary which helped immensely with bringing everything together because due to writing the protocols I was automatically aware what everyone was working on and how far they were. For that I created a protocol template and set up a section of the github wiki to archive the protocols. Also as the only person who had worked with git before, I gave everyone who needed it a short introduction on how to use it on a computer instead of only on the website and helped out with any git-related questions or problems during the whole project. After reading week, I took on a bigger part of the coding for the project. I worked on pretty much the whole user management part of the app, which includes User Login + Signup and following that creating project groups and adding and removing people from the group. I also adjusted the existing ToDo-List to work with Firebase and multiple groups instead of the MySQLite database it was using before. Again communication with everyone else was necessary because the group management was closely connected to how all other parts had to change their database layout to accommodate multiple groups. In general I tried to stay updated on what everyone else was currently working on and to communicate with everyone as effectively as possible to make their work easier where it coincided with mine. Since I was pretty much the only person in the group with experience with git, databases and java programming, I offered help with these topics when problems came up and in general tried to offer my help when someone seemed overwhelmed or stuck on a problem.

Working in this group was generally a good experience. In many places communication and collaboration worked very well and I feel that the work was mostly divided equally and nearly everyone contributed well. However, Sushant was generally hard to reach, almost never attended any meetings and only started to contribute a small part at the very end when he started working on the final presentation. Marco also did not contribute a lot to the final project due to medial issues and technical problems but was attending about half the meetings and was generally reachable via messages. I feel like Conor as the group leader could have handled the situation better. While he delivered on what he promised he took a few weeks to do so and would have been much faster, had he asked for help earlier than in the last week. Also I feel like he should have insisted on regular meetings after we all had to start working from home to keep us better organized and informed of how everyone was progressing. Carolin did an amazing job adjusting to her new job of layouting when Conor took over the Messenger and she contributed a great deal to the project and was always communicating with everyone because her changes to the layout spanned the whole app and did those changes very fast after someone updated their part of the app. Eoin also contributed a lot to the functionality of the calendar and was in general very helpful when I had problems with my firebase access. Glen worked hard on the voting part of the app and ran into a lot of problems, but did always communicate his progress during the meetings. All of us were working with Android Studio and Firebase for the first time and most of us weren't used to working with Java. Considering this situation, most group members did a great job learning and researching new skills like database layout, using git, java-programming etc. In total I feel like the group members were mostly working very well together and contributed a relevant part, but that the group leadership could have been handled better.