

## **Additional school collaboration documentation – Free choice group**

### **HomeDork – Interactive Smart House**

This group decided early in the project to start a collaboration with Furuboda Folkhögskola as a part of our project work. Furuboda Folkhögskola is a school that specializes in students with different types of disabilities. The school has a good reputation and has been technically advanced for over 30 years. The school is an organization and works closely together with the local sports club.

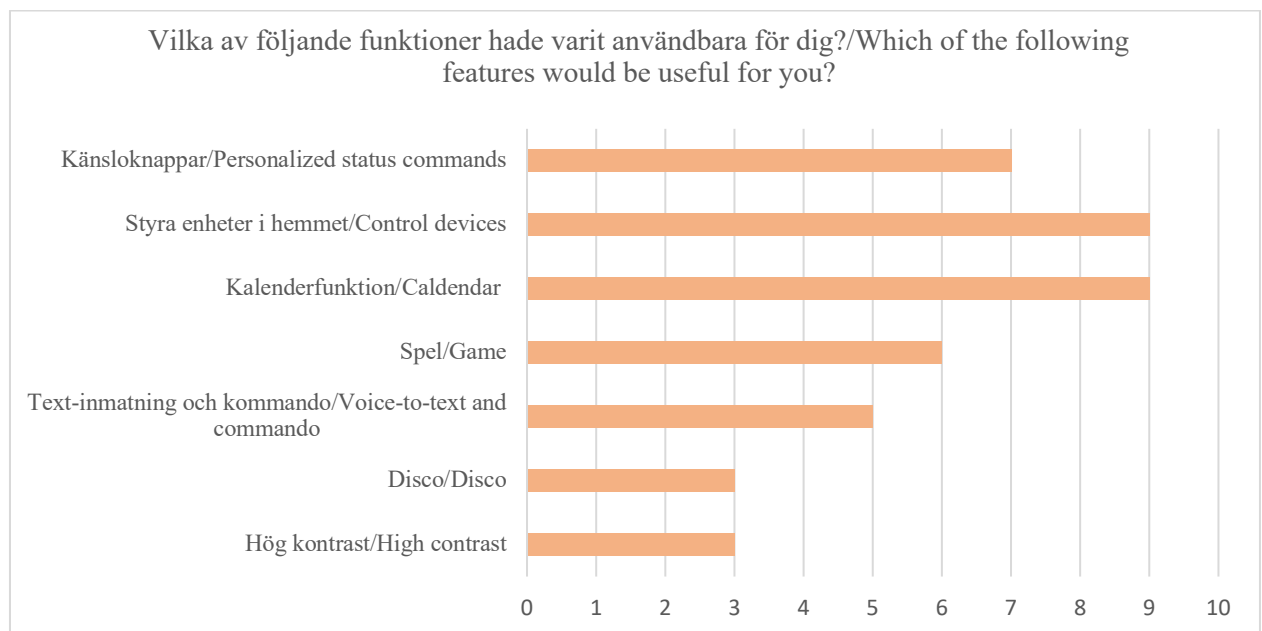
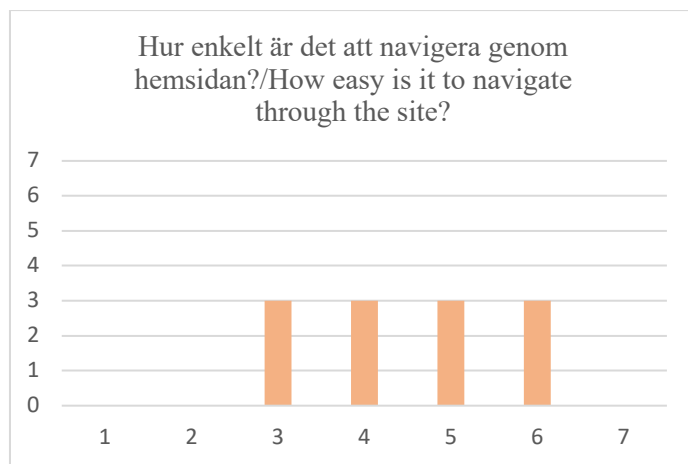
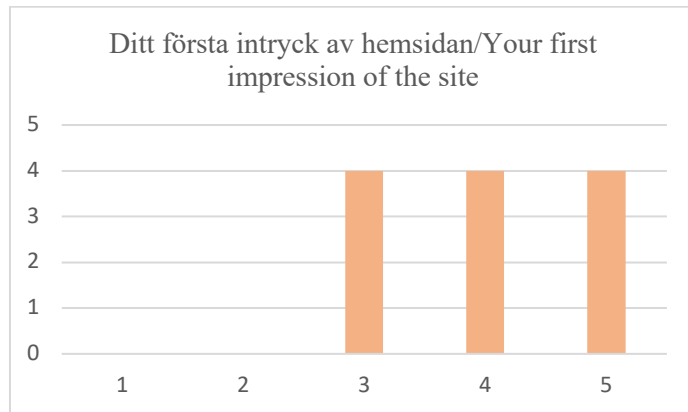
This collaboration turned out to be very valuable to both this subgroup, the school, and the project group. Initially, we met with the teachers, students and the technically responsible at the school. We got to speak to the students and the teachers to find what is valuable and useful for students with different disabilities. We also got to speak to the one who is responsible for the technical purchases of the school and found that the school has some collaborations with Lund University to develop tools for students who need it. The school was very happy and intrigued by our project and we shared the same view on how important this project could be for the students. More about our first visit is mentioned in the Supplementary Requirements Document.

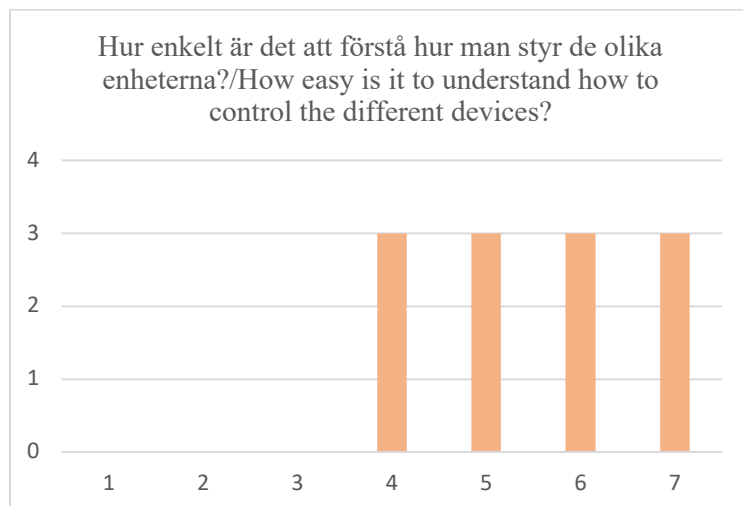
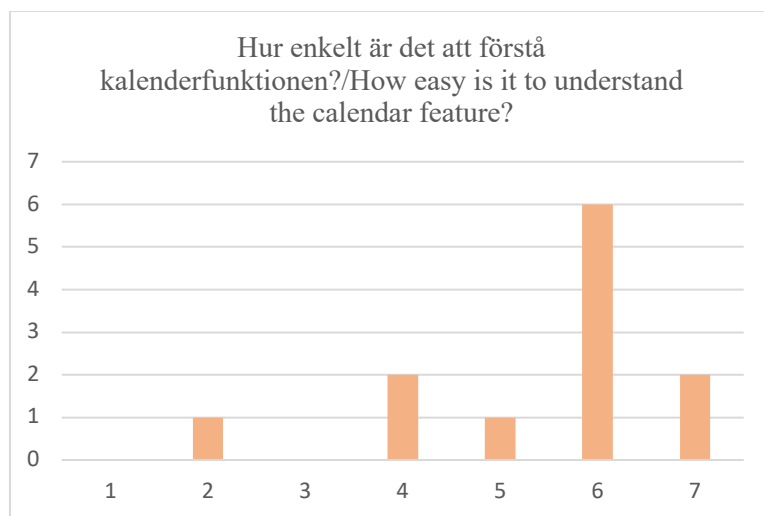
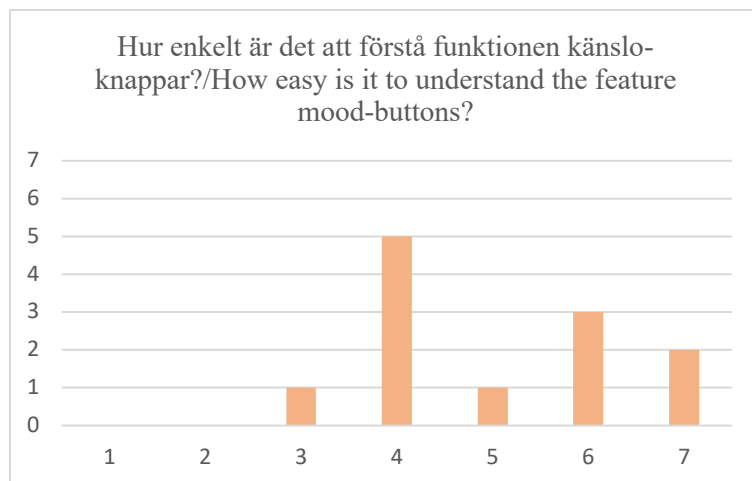
After our first meeting, we sat down and started form our requirements based on the findings at Furuboda. The students have really had a great say in what we have been working on and the main goal for us has been to make features that are genuinely useful for as many disabilities as possible. Our view has been to make the system general enough to be customizable for every individual.

Together with the other subgroups we have implemented several features that complement the supplementary requirements.

After a couple of weeks of development, we found it fitting to revisit the school to show them what we have come up with and see what they think about our current system. The goal with the second visit was to see if we had correctly understood the features that the students asked for and whether they find the system to fulfill our supplementary requirements or not. We showed them the Android client and the Web client and walked through the different features that we had been working on and explained why we developed that, based on what we got from them from the first meeting. The game was deployed, and the students were extremely happy to be playing the game. We made a survey for them to answer and have collected the results shown in the appendix. The results for the survey are very promising and the direct responses from the students were also very good. Some students were disappointed that we could not simply give them this system now and we had to remind them that as for now, this is a school project. Several students wanted to have this system in their room, and they said that it would benefit their everyday life tremendously.

## Appendix





**Finns det någon funktion som du saknar på hemsidan?/Is there any feature you miss on the site?**

- Dörröppnare/Door opener
- Svårt att veta nu/Hard to say now

**Finns det någon annan enhet som du skulle vilja koppla till systemet?/Is there any other device you would like to be connected to the system?**

- Dörr/Door
- Dörr/Door
- TV och dator/TV and computer
- Högtalare/Speaker
- TV, TV kanaler och olika appar/TV, channels and other apps

**Något övrigt du vill säga om hemsidan?/Anything else you want to say about the site?**

- Det är bra för att vi kan lära oss och göra mycket från hemsidan./It is good because we can learn and do much from the site.
- Bra att ha/Good to have
- Tänker att detta hade varit super för många av våra deltagare. Super med kontrastfunktion. Super med röststyrning./This would be great for a lot of students. Great with high contrast, also great with voice commands.
- Intressant projekt som många kan ha användning för/Interesting project that many can have use for
- Den verkar bra/It seems good
- Verkar jätteintressant/Seems very interesting