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Peer feedback

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Checkpoint 13 19-12-2023



Group rating







 (Ξ)

Bebber, Bram B.J.R. van 19 days ago

We talked with Ruud and we talked about the progress so far. It is time for the next step. Previous Monday we did the user test with Henriette. (A blind individual.) Overall she was very positive about our progress and provided us with some valuable feedback. One of the things she mentioned was that we currently use nails in the model to detect touch. This is fine for the nipples of the 3d model, but for the belly button this is weird.

Today we talked with Ruud and he told us it would be beneficial to write the next steps down on a whiteboard. We have also written down when each thing should be done. We started doing this together with the group, and later Ruud joined us at our table. Ruud told us we should be more specific and concrete. One of our next steps was to "Put the new sensors in the model.". This is very vague because a couple of questions instantly arise. What model? What sensors? Do the sensors need to be connected or just put in the model? To make it more messurable we changed it to "Replace the old sensors in the model with the proximity sensors Peter supplied us with.".



Describe what goes well according to your teacher, what you should pay more attention to and what is your next step to

Post feedback

Checkpoint 12 29-11-2023 🔓









Borisov, Branimir B.B. a month ago

Today, we did a review session with Erik. He evaluated our Female Torso Model and reviewed the initial version of our high-fidelity app prototype, designed to operate the model. Erik was satisfied with our progress on both the model and the application. He proposed to add an introductory feature in order to assist blind users get to know the model by touching it, starting with parts that are not the private areas, as it's their first time meeting the model.











Bebber, Bram B.J.R. van 2 months ago

We talked with Ruud and we talked about the progress so far. It is time for the next step. Previous Tuesday we did the sprint delivery for Delana. We went to the R13 building and showed what we did. She liked that we implemented her feedback about the guiz.

Today we talked with Ruud and he told us it would be beneficial to diverge idea's. We started doing this together with the group, and later Ruud joined us at our table. Ruud told us about a way to help you generate ideas. This is done by searching for a "Random image generator" online. This helped us even further and we were able to generate even more ideas.

Delana told us we should make the model be more realistic. She mentioned she gave this feedback because the current model is a mannequin, which is a real human. We also got the feedback to let the teacher start lessons from the app. This should be done from the application on the phone of the teacher.

After contacting Peter he supplied us with a 3d print file for a real human body. We printed this file at Fontys with help of staff of the ISSD. After that, we put the sensors in this 3d printed female body.







Bebber, Bram B.J.R. van 2 months ago

We talked with Ruud and Marcel. And have made a prototype that detects touches of the ESP module and has an interface for back and forward communication with Bluetooth with real-time latency. The ESP sends a signal to the mobile phone application.

We've made the first iterations with different sensors. And chose the sensors we found from the research that we have done.

We found out we could use capacitive pins on the ESP and detect touch and convert it into a touch surface that would give feedback on points of the body and send it to the phone. This way we created our own capacitive sensors based on wires and aluminum foil. This way we can provide teachers with feedback on the kid's touches on the model and send it to the phone. Then produce sounds for the concrete point (body part). We modified our mannequin to accommodate the sensors and make them unnoticeable on the surface and work based on touch. Currently focusing on the two nipples of the breasts, in the future we can expand up to 9 points with the current hardware.









Houben, Ryan R. 2 months ago

Branimir and I discussed the progress on the PSV project with Erik. Overall there is some goot progress and Victor also seems to be happy.

We also discussed the Blind people app and discussed a bit on how we can improve on the progression, based on that we made some agreements.

Checkpoint 8 26-10-2023 **□**









Houben, Ryan R. 2 months ago

Today we discussed the progress with Erik.

We updated him on our talks we had with Ruud and showed him some results we had with Dilana and our problem definition.

Feedback:

- Keep documentation small.
- Start building small prototypes.
- Do research on the topic on how far we can go with those models.
- Do a lot of research on the blind individuals and interacting with certain sensors and models.
- Do research on how we can make it fun and validate those choices by the audience group.

Checkpoint 7 13-10-2023











Houben, Ryan R. 3 months ago

ollowing the feedback from yesterday, we discussed everything within the group this morning. We also presented the mindmap from yesterday, and I believe everyone was reasonably satisfied. We made some adjustments to the problem statement, goal, and main research question:

Problem Statement: Children born blind often face challenges in understanding the physical differences between boys and girls, which can lead to a sense of disconnection from sighted individuals who naturally acquire this knowledge. When blind teenagers reach an age where sexual education is necessary, they encounter difficulties accessing it because most materials and teaching methods rely on pictures and visual demonstrations. This lack of inclusive sexual education leaves blind teenagers without essential information about their bodies, relationships, and sexual health, potentially exposing them to physical, emotional, and social challenges related to sex and relationships.

Goal: "Our goal is to develop a smart mobile solution that offers accessible information about their bodies to blind teenagers aged 10 to 16. This solution will help bridge the knowledge gap between blind and sighted individuals, ensuring that blind teenagers have equal access to crucial information for making informed decisions regarding their sexual health and relationships."

Main Research Question: How can we integrate the various senses to educate children born blind about the human body?

We've also initiated the process of creating personas to better understand our target audience, and we are currently working on formulating sub-research questions following the DOT Framework.

Checkpoint 6 12-10-2023 **■**







Houben, Ryan R. 3 months ago

We discussed the meeting with Jill. We came to the conclusion that indeed dating can be hard for blind people.

She also mentioned that in general blind people are a few years behind on sexual education and social interactions, so this let us to the discussion about dating and closing gap of difference in sexual education dat in general blind people have.

We came to the conclusion that closing that gap is more valuable than helping them in their dating life. Because if they have a better sexual knowledge on an early age they will probably also have better social interaction and dating later on.

So we shifted our context a little bit from dating to sexual education on the body.

We are going to change our main research question and come up with as many ideas as possible even if they are a little crazy for the ideation phase.

Checkpoint 5 10-10-2023 🔓 🛕











Huijts, Ruud R.H.G. (Teacher) 3 months ago

by the end of the day I want to receive your problem statement based on the conversation we had this morning.



Houben, Ryan R. 3 months ago

Problem statement: Born blind people can't visually identify unspoken social rules when growing up and as a result experience trouble when presenting themselves later in life.

Goal: Create a smart mobile technology based accessible resource that visually impaired teenagers can independently use to learn about the unspoken social rules seeing people use on a daily basis.

Main research question: How can we help born blind teenagers with recognizing and understanding unspoken rules when participating in acts of socialization?

Feedback:

- Where is the context of sexual education?
- Be more specific on the unspoken rules.
- Be more specific on teenagers.
- Be more specific on socialization acts.



Houben, Ryan R. 3 months ago

- backup the problem with research.











Huijts, Ruud R.H.G. (Teacher) 3 months ago

Last Tuesday we talked about formulating goals and research questions. I also advised you to formulate a clear and concrete goal for the Sexual Education project. Until now I haven't seen any results.

Hereby I give you the assignment to each of you individually to formulate a goal for the project in your own words based on you own insights. Next Tuesday I want to discus the results with you so we can determine the next steps in your proces and how you can give the client clarity. In total you will have had a week time to formulate a goal, which is something that should normally take a fraction of that time.

Checkpoint 3 27-09-2023 **♣ △**









Bebber, Bram B.J.R. van 3 months ago

We had een meeting with Nienke Helder where we discussed the project and discussed the scope of the project.

- 1. We talked about how to perform an interview. (we do not want to validate our ideas but we want to hear from the one that is interviewed. The interviewer should not talk more than 20% of the time)
- 2. We planned a follow up meeting on the 10th of october



Bos, Sam S. 3 months ago

Today we had a meeting with a product designer specializing in sexual health (Nienke Helders). We shortly discussed our research process before quickly coming to the conclusion that we had started working on solutions too quickly. Eric joined us shortly after the meeting started and let us know that there might have been a mismatch of expectations. He told us that the boundaries of the project are flexible and we shouldn't fixate on the initial assignment received in the debriefing. First we need to broaden our research and empathize with the target audience. In this process we need to rethink our assumptions and find out which problems exists, and which problems we should focus on. To accomplish this, Nienke and Eric provided us with some possible research avenues, as well as potential sources.

Next Friday we will discuss this with the product owner and see if we can reformat our approach.



Dimov, Simeon S.O. 3 months ago

A few directions for research:

1. Find external people to interview or gather insights about the problem, or use sources like Reddit.

Sexologist can help us understand better the motivation behind people's actions.

2. Use technology and tools to gather data in order to guide the research, for example use sensors to get in depth and further analyse patterns and behaviours. Studies in the domain of sexual arousal and cognitive relations about that might help. Use technology here to improve the accuracy of the already used sensors. For example even one more sensor can give context and guide us to the right direction.

> Example: Brain signals patterns, combined with heart rhythm, breathing. etc.

3. Get into detail about the concrete problems for real blind people about sexual/dating life.

Checkpoint 2 21-09-2023 **□**











Borisov, Branimir B.B. 4 months ago

We had a feedback session with our teacher, Ruud, during which we came to the conclusion that we needed to do more in-depth research. We must fully complete the Empathize & Define phase before progressing to Ideation or Prototyping. As an ICT & Media professionals, we are also responsible for generating ideas that go beyond the normal expected features. An example of that would be how to illustrate things that blind individuals are not familiar with or definitions that are not clear enough for the blind people.

Checkpoint 1 Start 13-09-2023 **■**











Houben, Ryan R. 4 months ago

We discussed a few things with Marcel:

- 1. We told him about the workshop dates, that was a little unclear.
- 2. We also talked about, planning a few appointments with the PO within 2 weeks to show our prototypes.