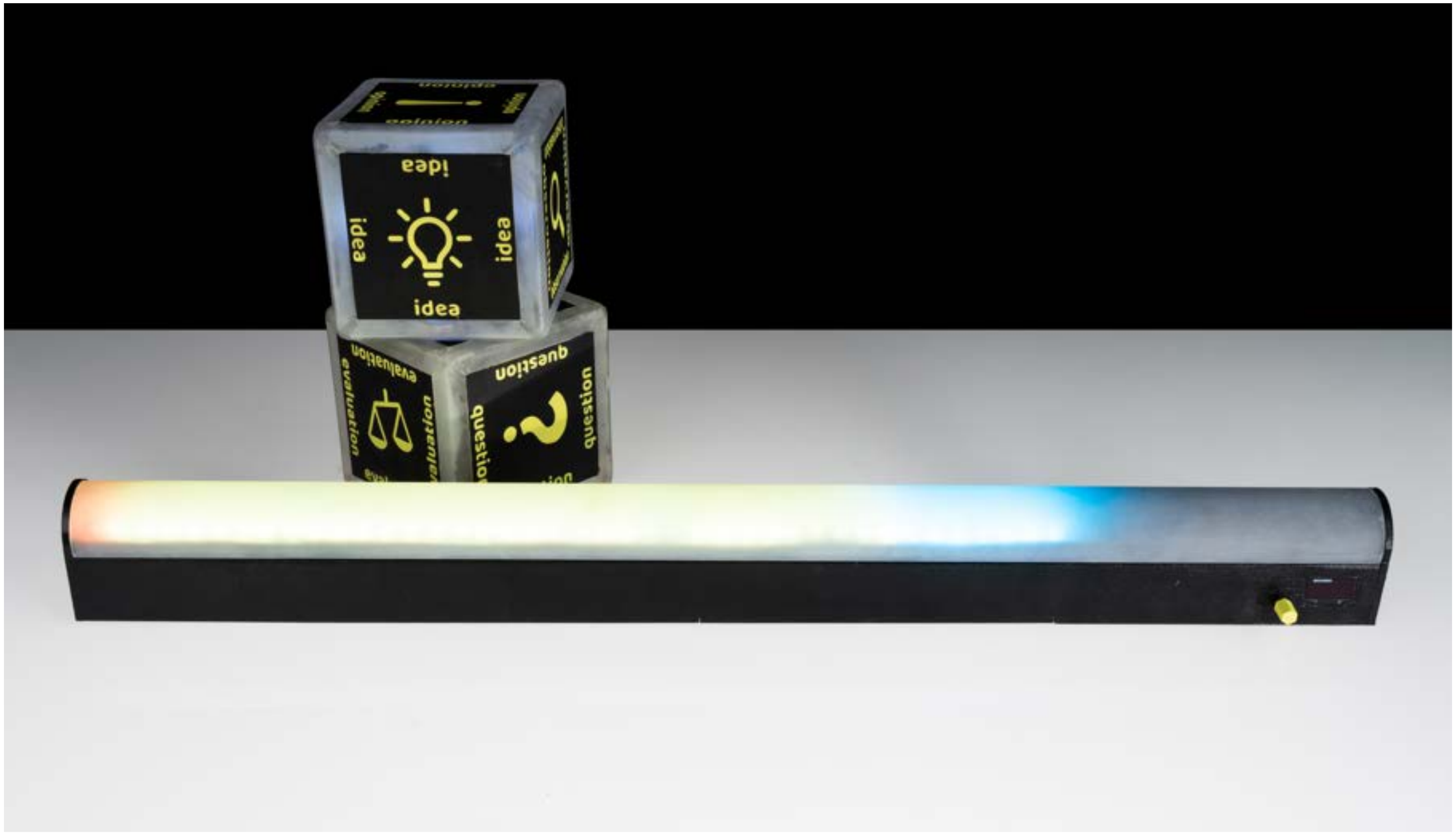
feeding
back
.img

pictorial

This is photo documentation associated with the thesis “feeding back”.
“feeding back” is a bachelor thesis on the topic of feedback.
The whole process took place over four months and was documented through text and pictures within this book and on our blog. Every individual part serves as critical insight into the work conducted. The thesis and the pictorial are connected through references.

All images are from Corvin Springer and Andreas Waldburger, 2022.

feeding back | toolkit The final (functioning) prototype, developed from the final findings of our work. It also serves as a conversation starter.



feeding back pictorial

concept seminar

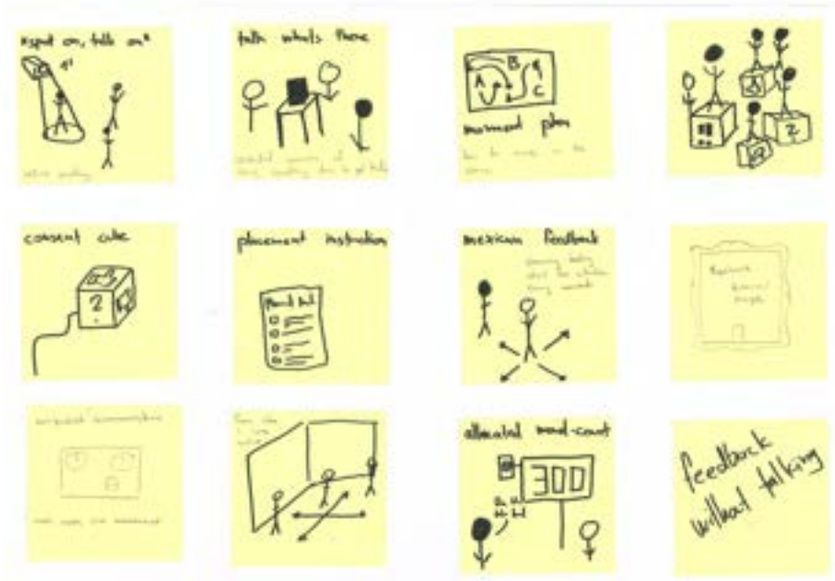
The project started with two intense weeks, where a mini-thesis, video and prototype had to be created. Rushing through all the steps needed for a bachelor thesis allowed us to experience the first problems and recognise potential pitfalls within the longer work.

feeding back pictorial

the first brainstorming The start of this project.

mapping the brainstorming Thoughts, ideas, opinions and questions are written and grouped.

feeding back pictorial



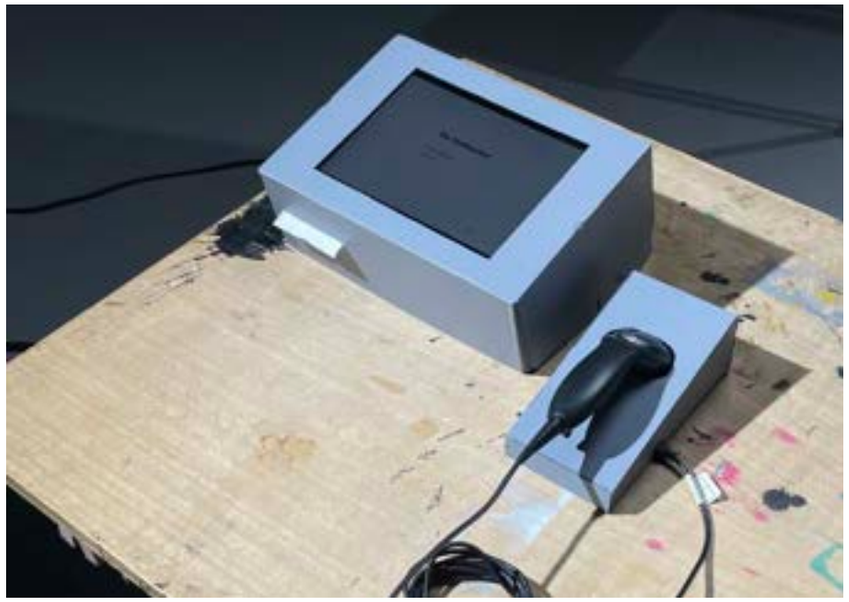
the best (?) ideas A selection of the best (most attractive, practical or unusual) ideas on prototypes and interventions on feedback generated from that previous brainstorming.

50 ideas Fifty ideas generated and sorted, taking our first thoughts on leverage points as inspiration.

setup for stop motion The first concept was developed and communicated with a video.

interviews To gain insights into opinions of various students and validate or disprove our assumptions concerning the project.

thesis page 54



feedback machine The first prototype, made functional by Wizard of Oz magic.

thesis page 67

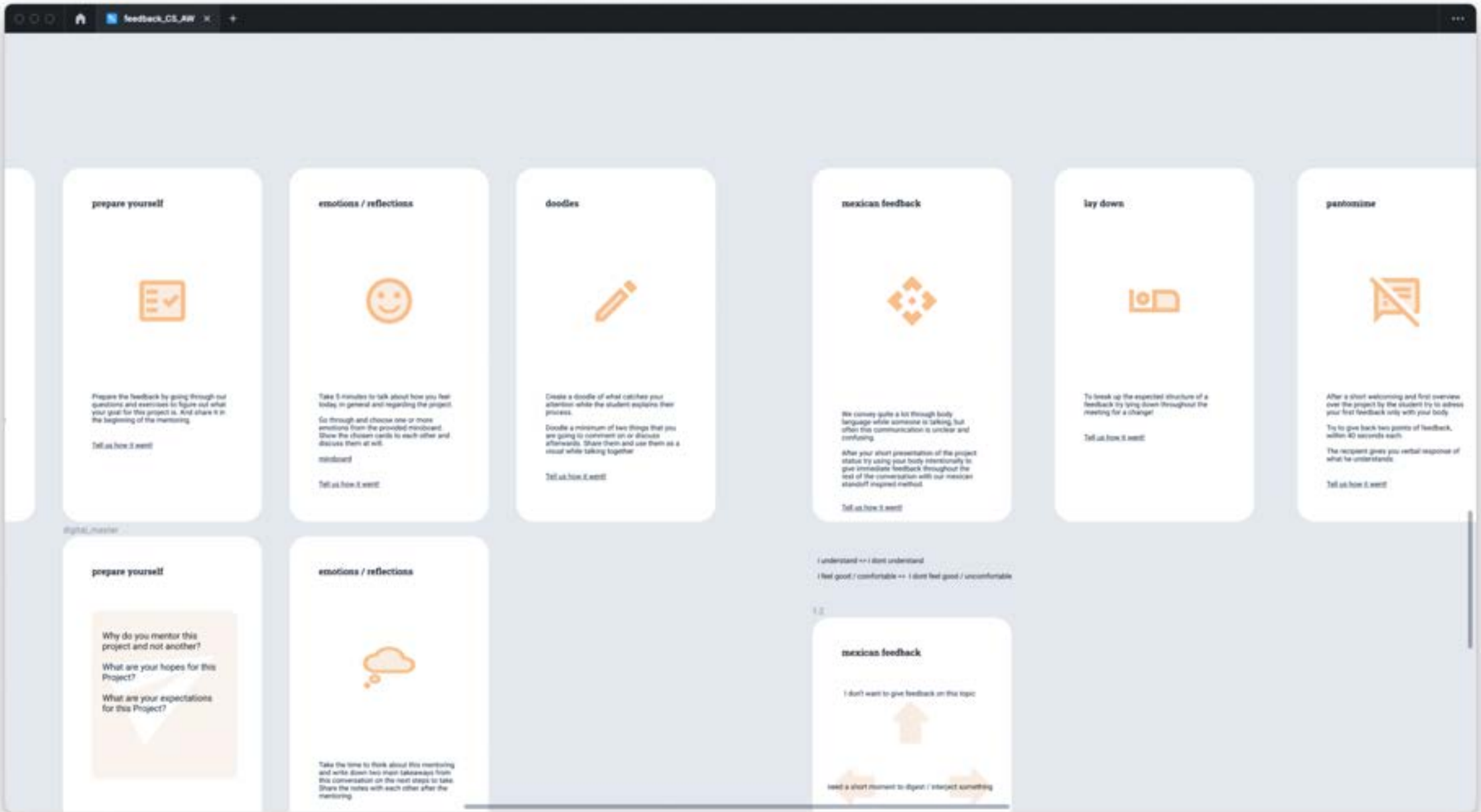
testing feedback machine What emotions does it bring about in the user and those learning about our concept?

thesis page 67

first prototypes & experiments

We started building the first prototypes as early as possible, parallel to the research phase. These served as experiments and were informed by the findings in our research. .

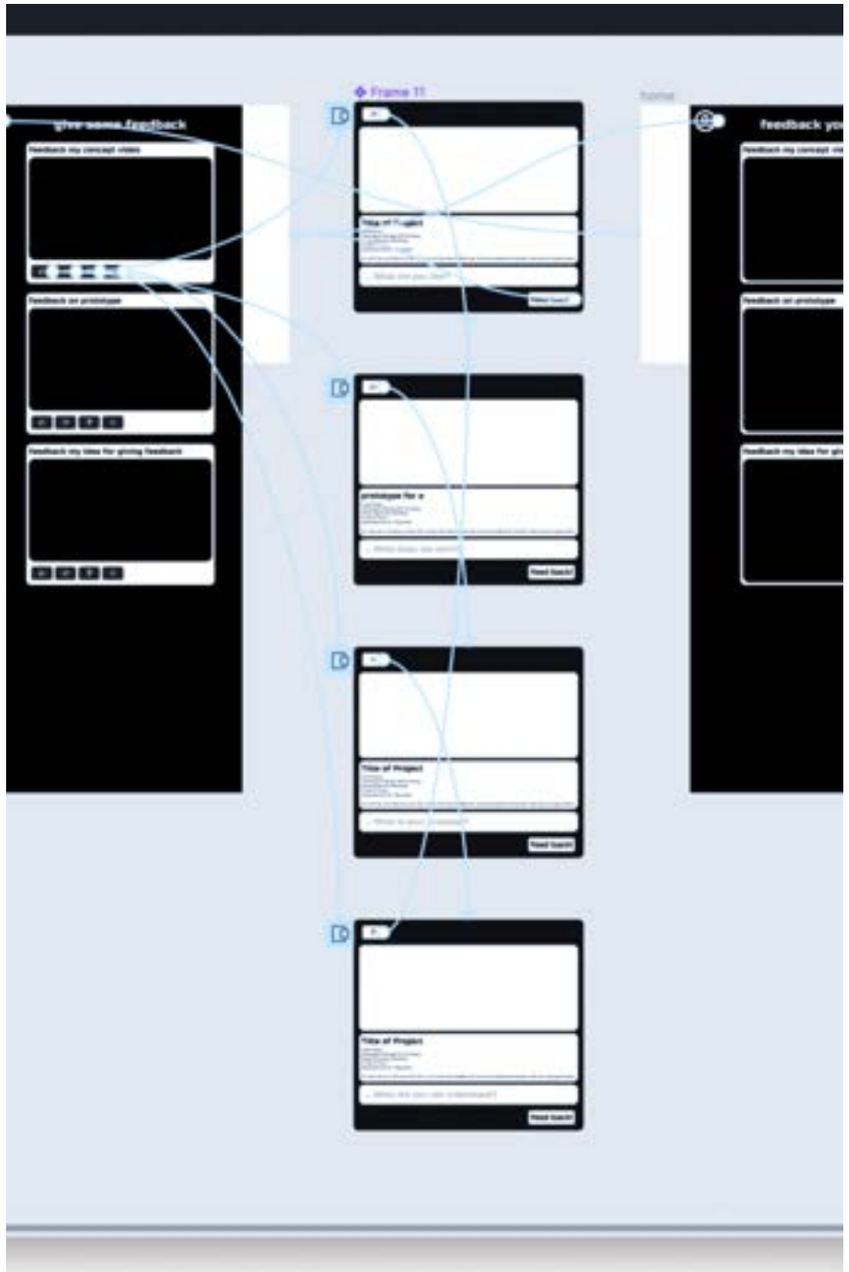
feeding back pictorial



mentoring intervention Our first mentoring interventions were communicated with these cards, indicating methods and instructions for the mentoring.

thesis page 72

feeding back pictorial



feedback community Testing a wireframe for a online feedback platform.

thesis page 80

confession booth Building the booth out of cardboard retrieved from the trash.

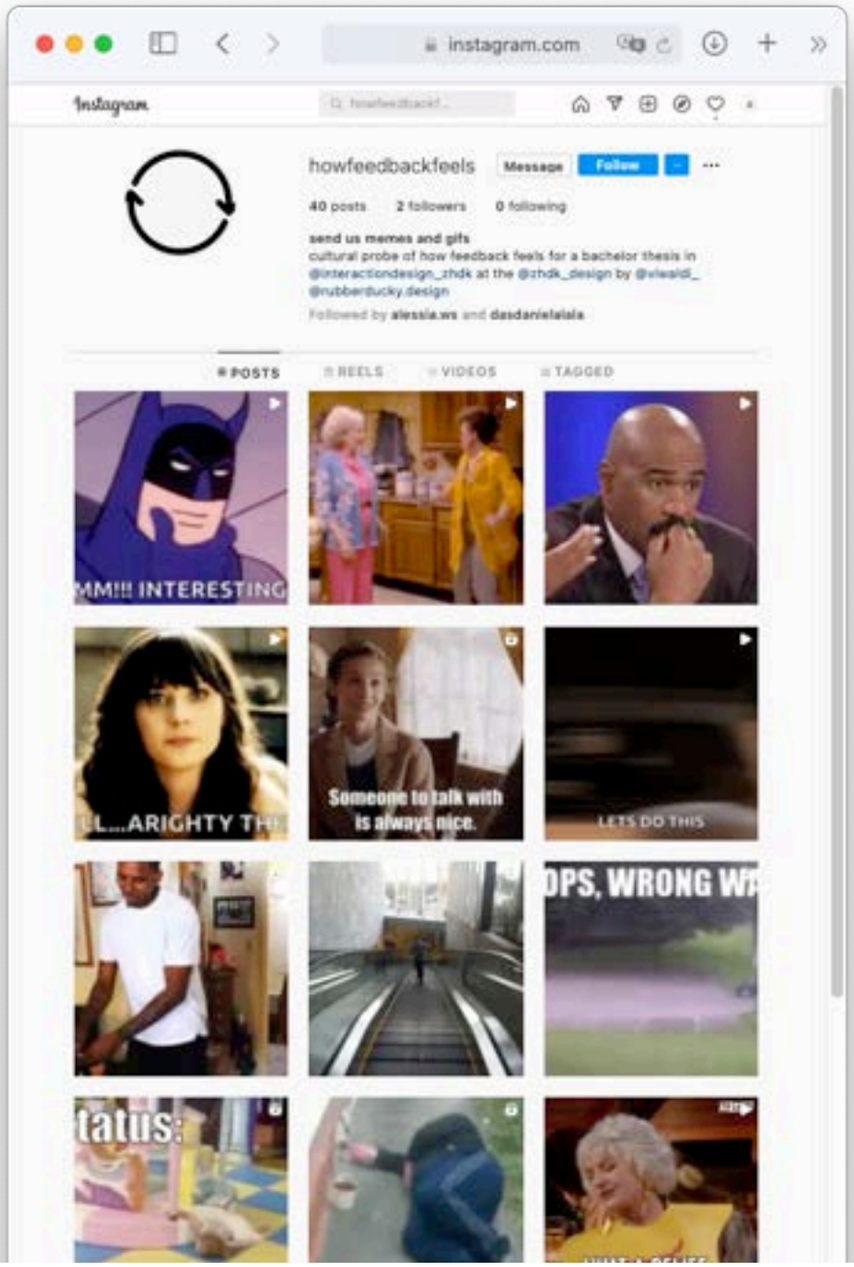
thesis page 84

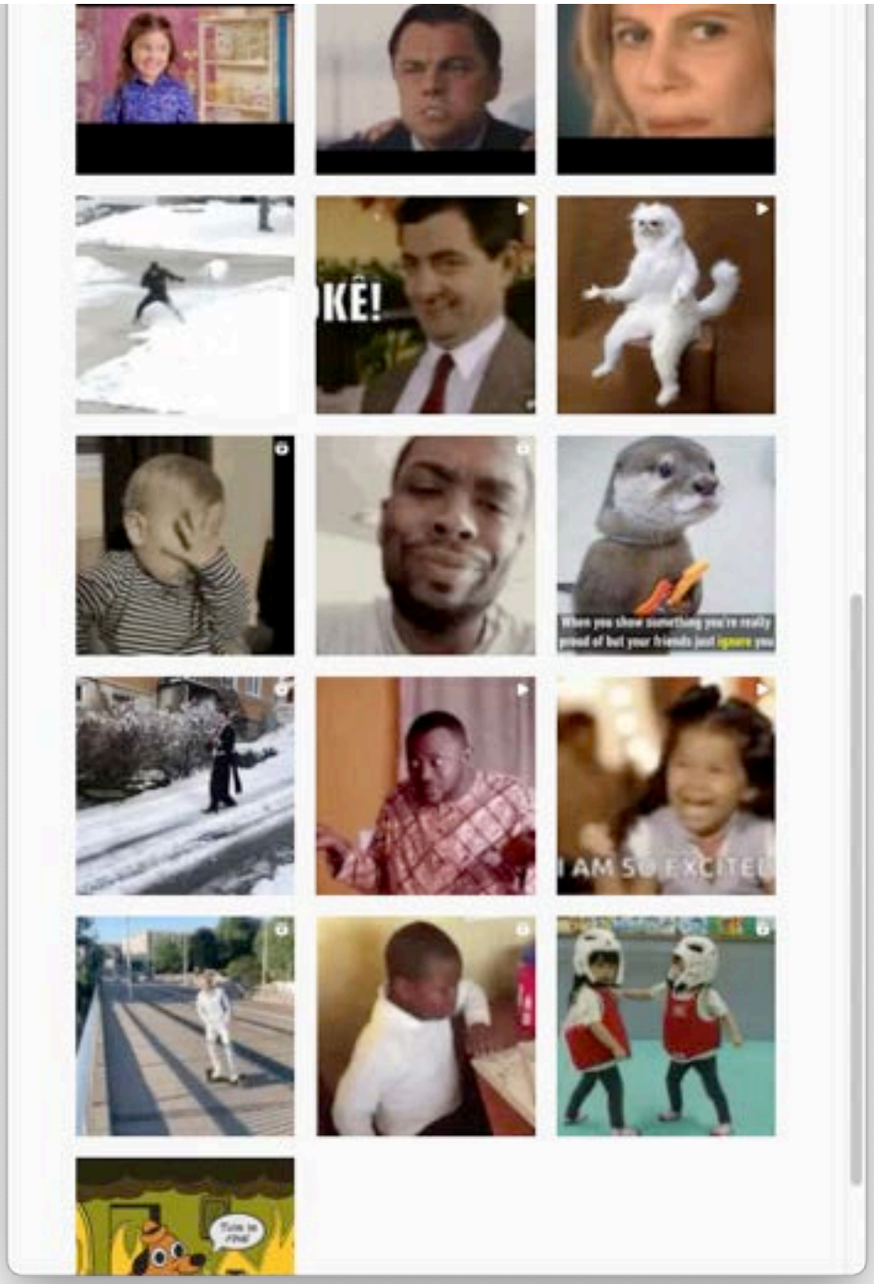
confession booth The finished prototype.

thesis page 84

confession booth Experimenting with different settings for communication through changing the spacial surrounding of a conversation.

thesis page 85



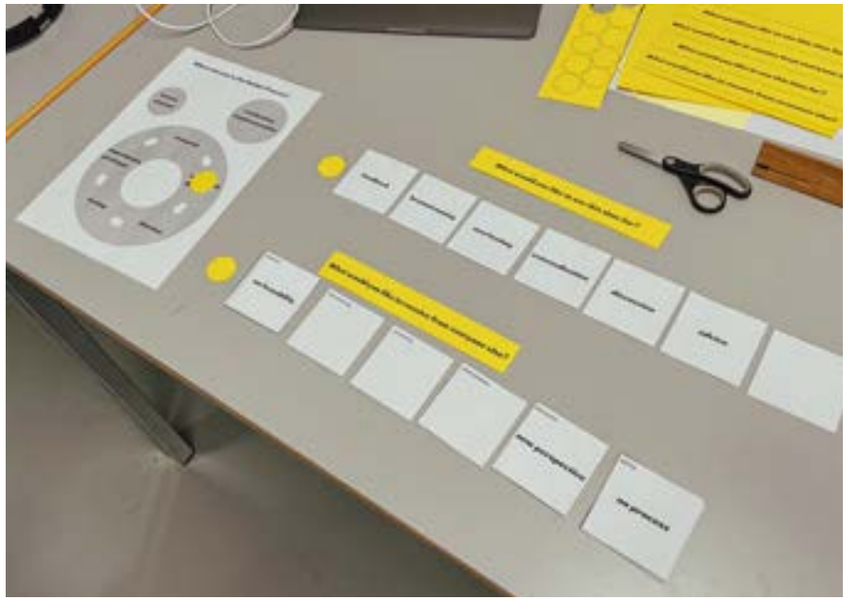


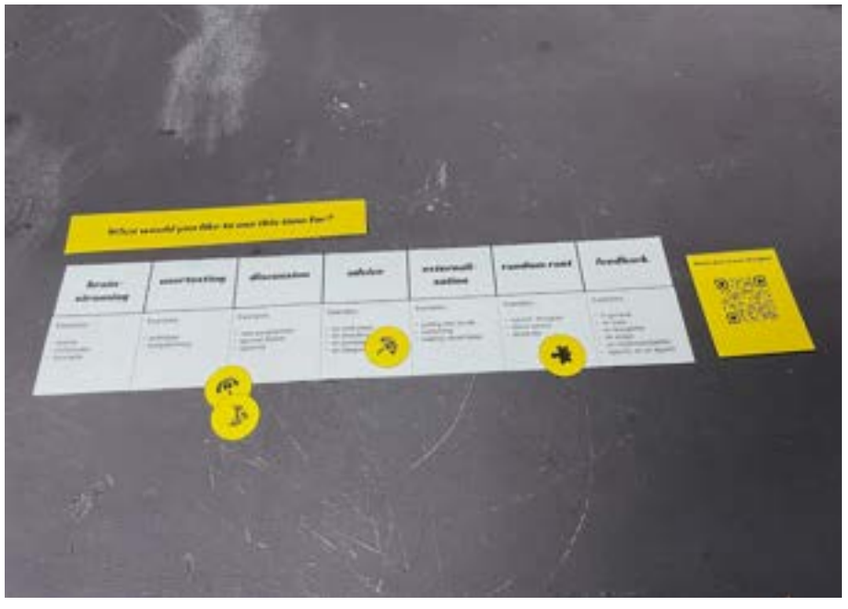
cultural probe Memes, images and GIFs sent to us from students about their feelings after a mentoring are collected on an Instagram feed (@ howfeedbackfeels) as a cultural probe.

thesis page 60

proofreading thesis Theses are randomly assigned within our peers for review by pulling names out of a cup.

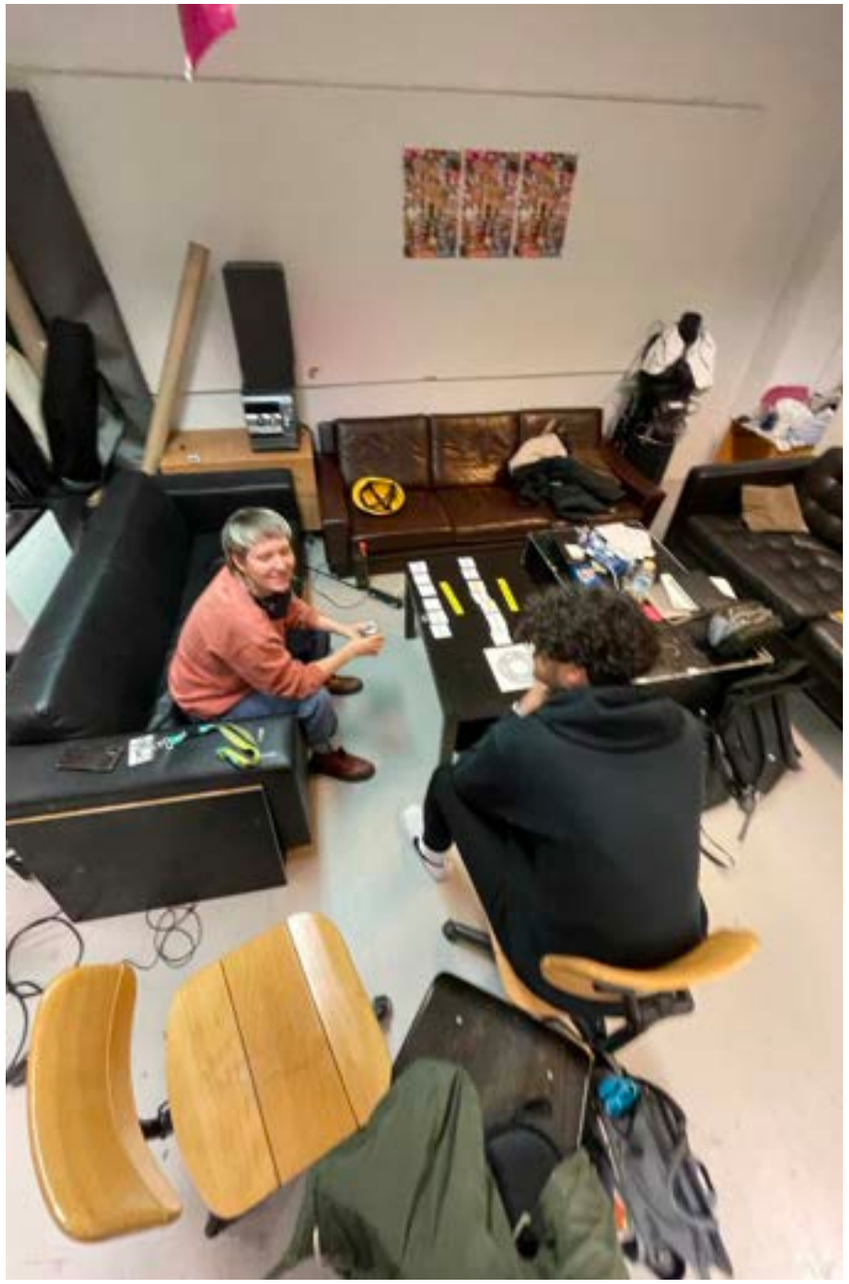
thesis page 79





tuesday evening bash Experiments and paper prototypes on creating frameworks for discussions and feedback between students from different years.

thesis page 76 - 77



testing tuesday evening bash structure Testing out one of the prototypes for and within the Tuesday Evening Bash.

thesis page 77

uneven heights chair Chair created for making power structures visible by adapting the height of the chair of the feedback giver by the feedback receiver.

(unfortunately still untested within a mentoring setting)

thesis page 86

testing the uneven heights chair The chair attracted quite a bit of attention in the atelier, giving us insights into students' feelings toward the power structures in mentorings from numerous passersby. Thank you, Gian, for trying our wobbly chair.

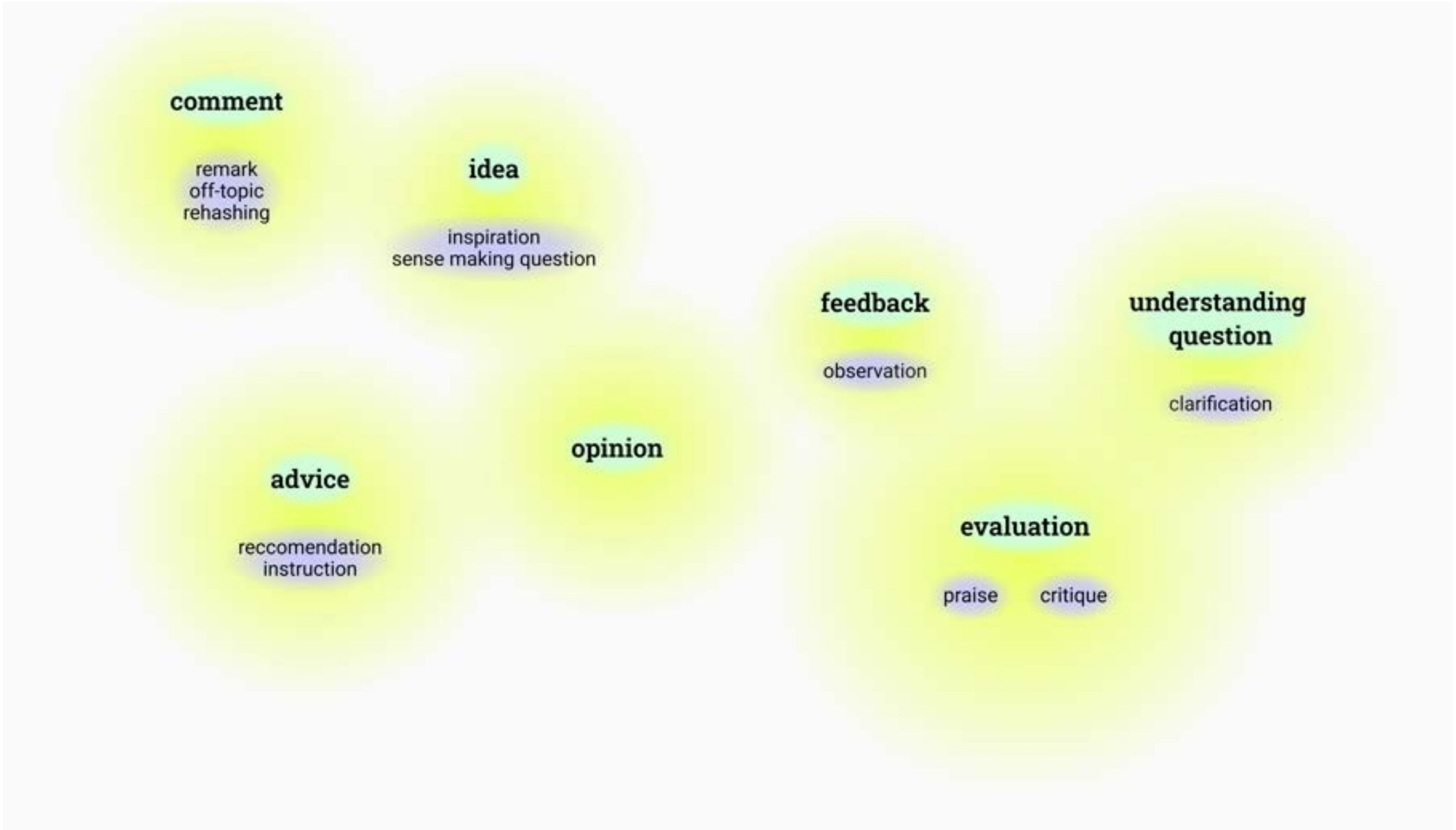
thesis page 87

uneven heights chair The controller for adjusting the height of the chair in action.

thesis page 87

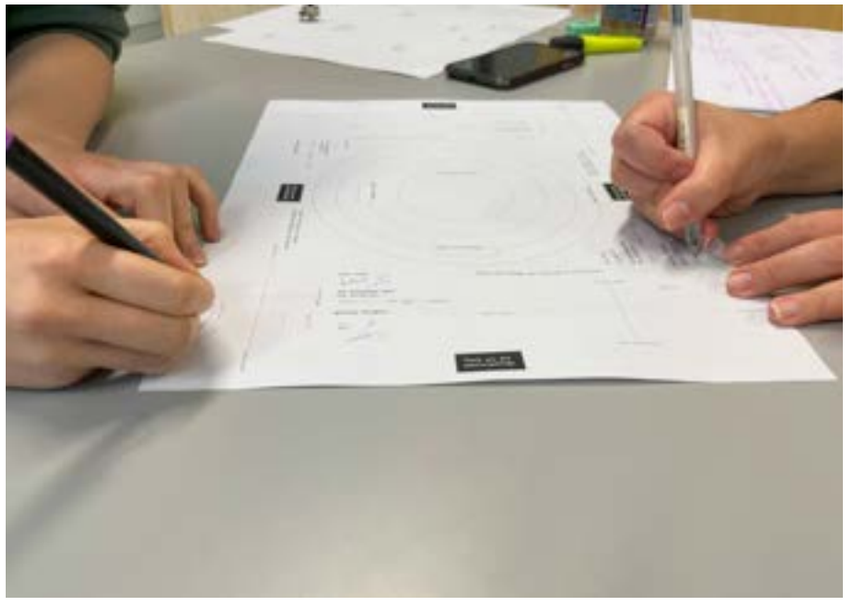
uneven heights chair Chair in a mentoring setting (staged).

thesis page 87



conversation board A visualisation of the different parts that comments within a mentoring can consist of, often all of it is labelled with feedback.

thesis page 91



assessment tool Two iterations on a paper prototype for documenting discussions and a structured way to evaluate our prototypes.

thesis page 41

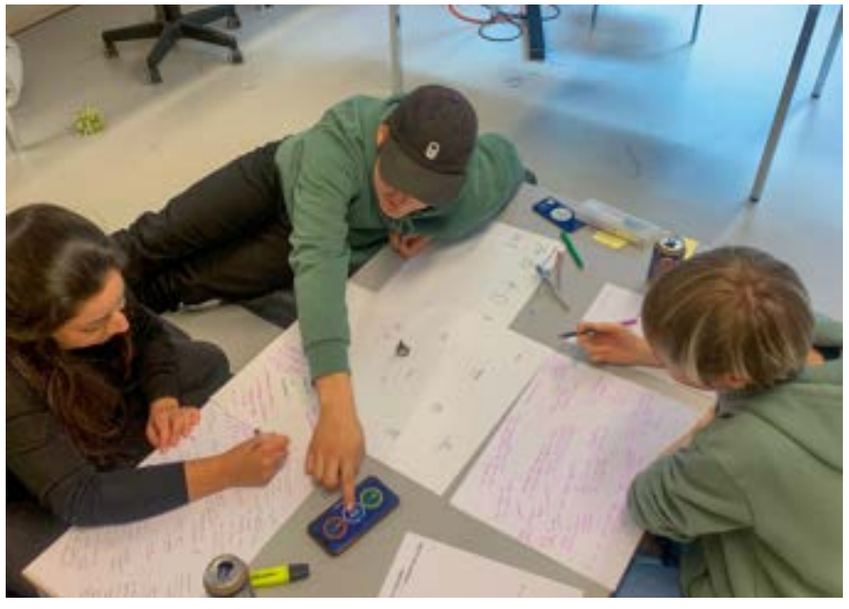
peer mentoring

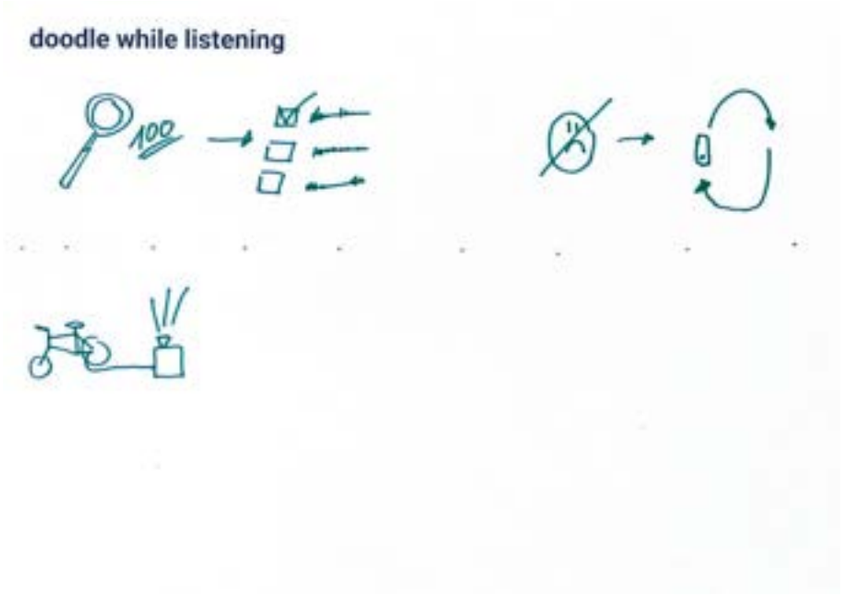
Creating a specific space, schedule, method and structure for testing mentoring interventions using peer mentorings. And gathering more insights into the perspective of the mentors.

feeding back pictorial

conducting peer mentorings Testing methods and structures, observing, discussing and learning what our interventions impact.

thesis page 104





sketching Doodles created by the feedback giver while listening to the feedback receiver's presentation of his project.

thesis page 104

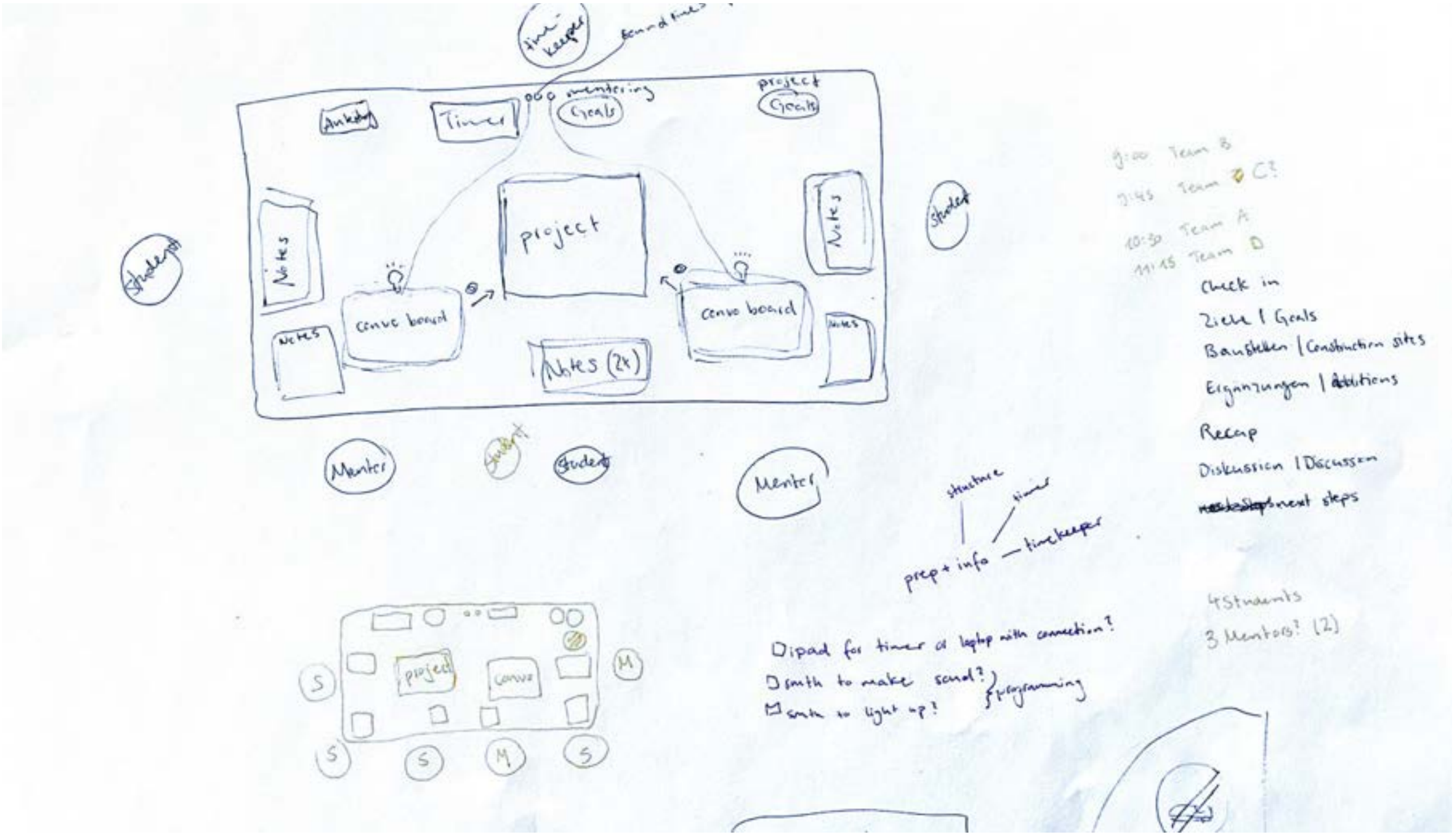
table layout Showing the conversation board with a token placed to indicate what kind of comment is being made. The participants are also currently using doodles to externalise and discuss ideas.

thesis page 104

mentoring

Taking what was learned from the peer mentoring and applying it to mentorings within modules in the Interaction Design Studies. To experience the full effects of the dynamics between students and mentors and see what our interventions affect in that setting.

feeding back pictorial



plan Planning out a spacial setting for the first service design module mentoring we created interventions for.

thesis page 107

shoe parking In an effort to break the familiar structure and habits of the participants, the shoes had to be taken off before the mentoring, subverting expectations and indicating a change from the usual.

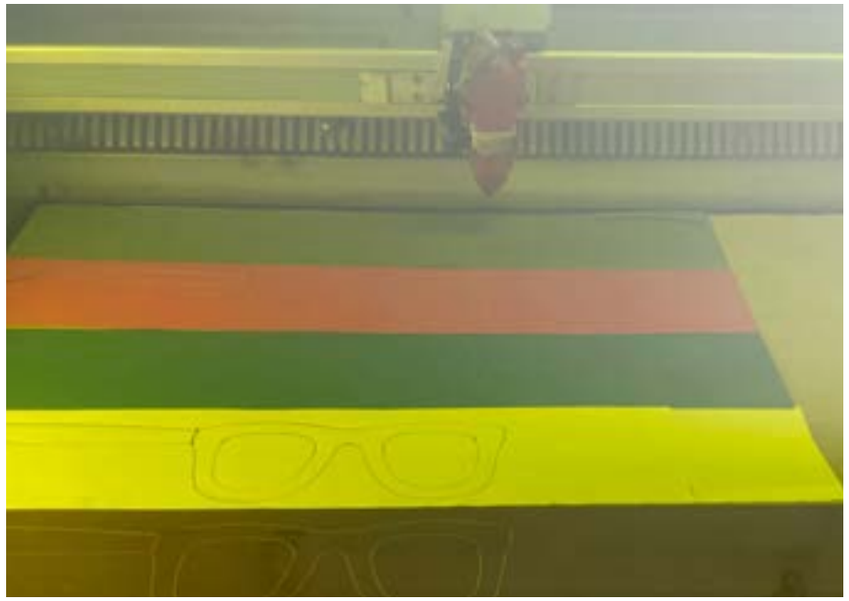
thesis page 107

change modus operandi Sitting on the ground with each other creates new dynamics to the relationships at hand and hopefully changes the participants' perspective on the mentoring, project and feedback given.

thesis page 107

digital framework for a design meeting A self-explanatory framework for conducting mentoring, created for the process design module mentoring. With implemented instructions, methods and workspace all located and conducted online. (using miro)

thesis page 105

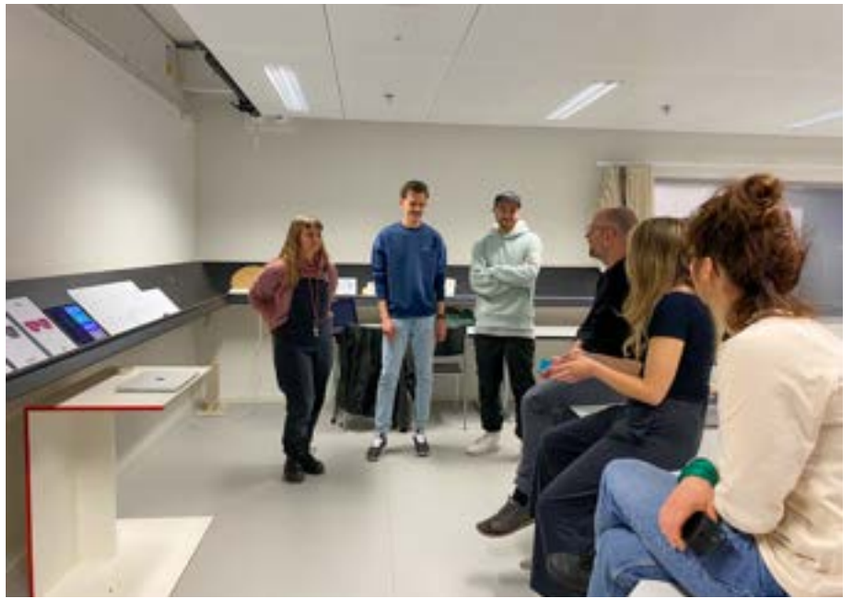


iteration on the communication board Creating glasses for signalling the perspective taken by the comment giver, while commenting on the project.

thesis page 109

declare communication By declaring the type of comment made by someone, the communication gains a layer of information, making the processing of the information easier for both parties.

thesis page 109

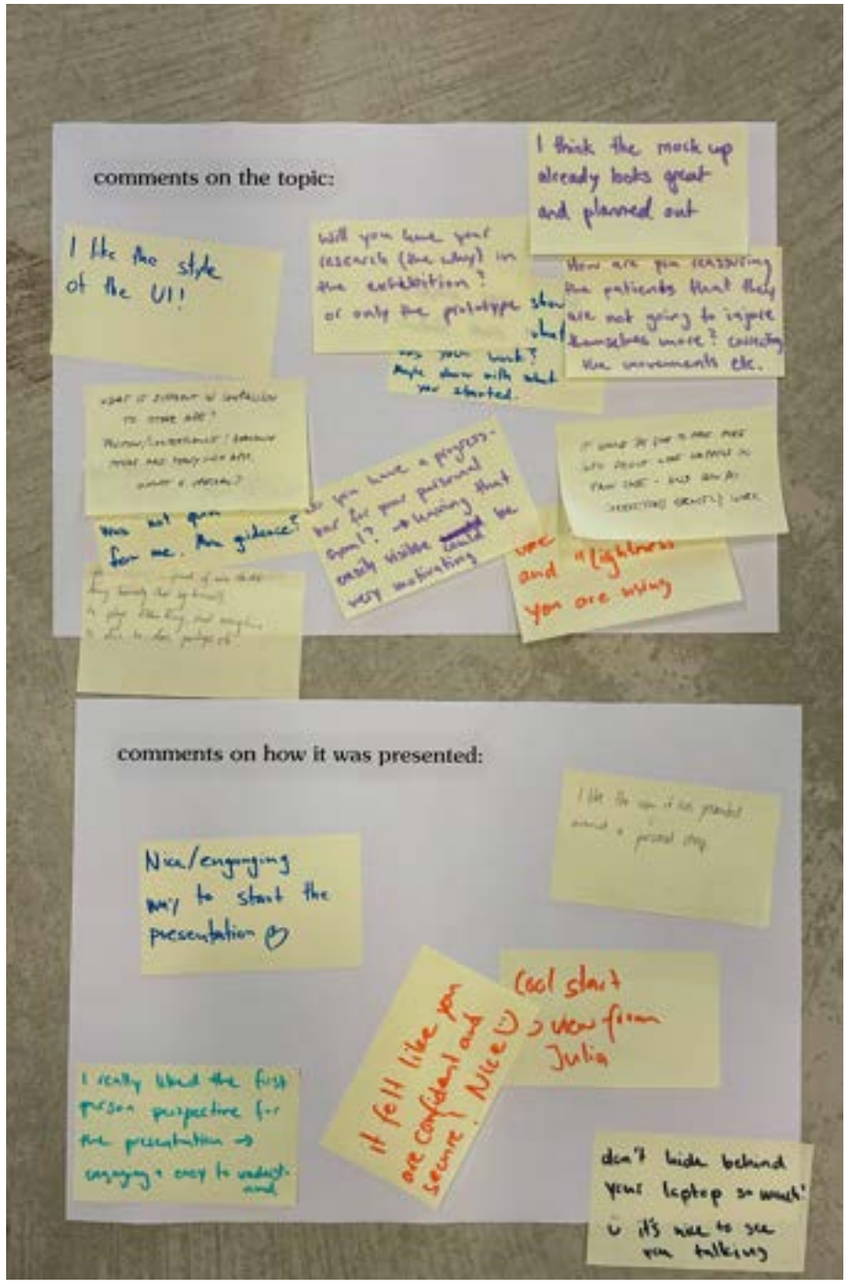


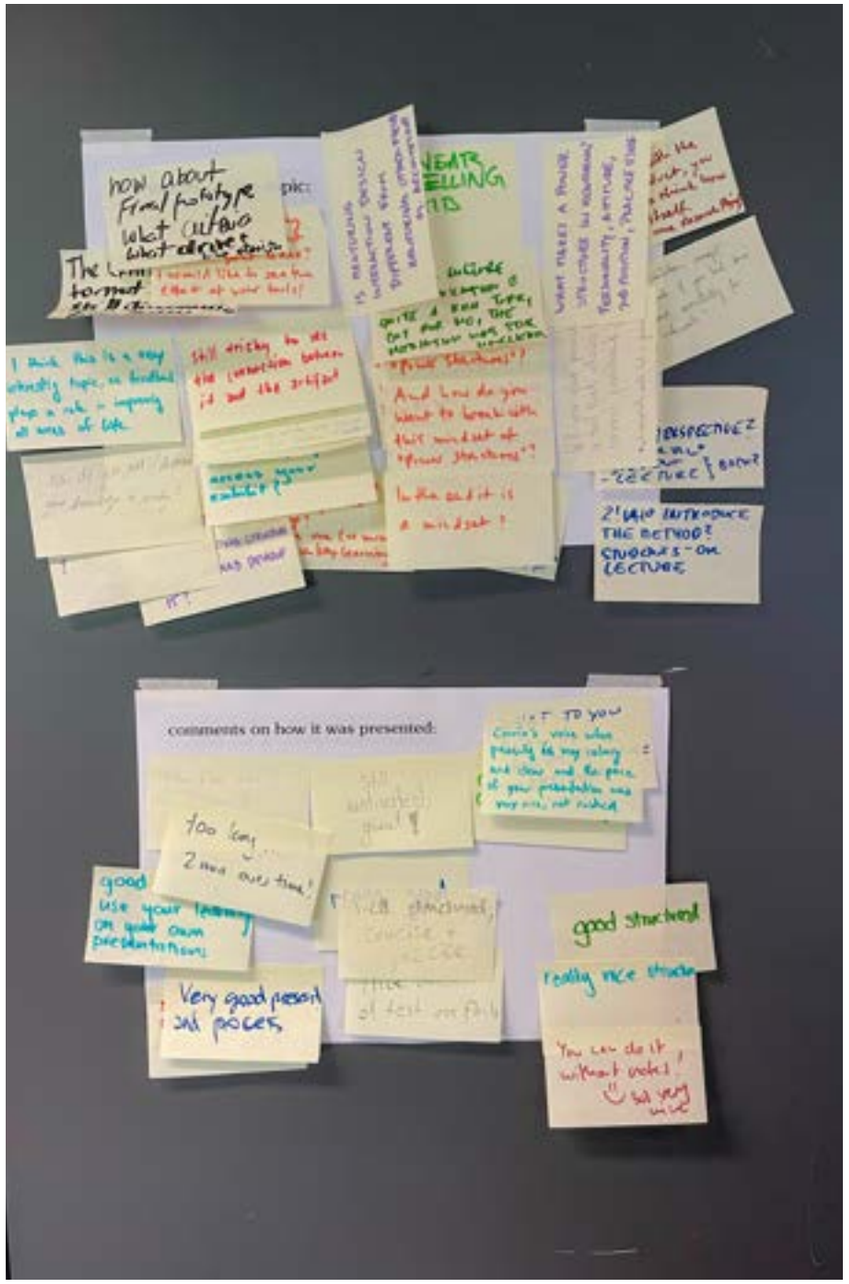
physical distribution Different positionings and distributions of the participants in the space provided, during testing in different group mentorings.

thesis page 110

talking stick Unintentionally the glasses gained the characteristics of a talking stick when used in mentorings, indicating to the group when someone wanted to say something by picking up a pair of glasses.

thesis page 111



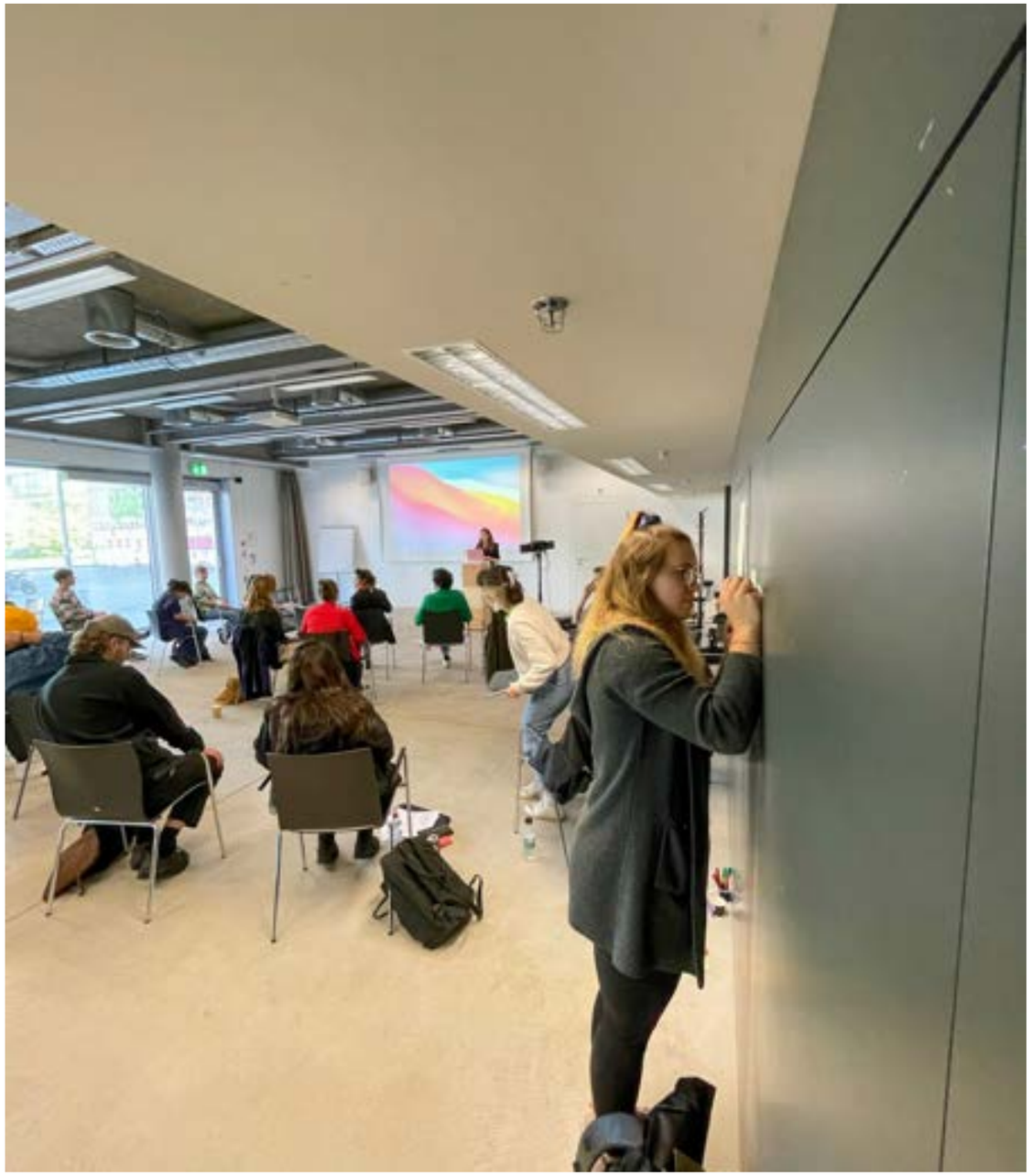


feedback for the last progress session Creating a different way of communicating feedback after a presentation rather than just verbally. All the feedback for the projects is sorted into two categories and collected with Post-Its.

thesis page 112

zoom-chat in real life Making it possible to leave a comment while a discussion is running, without interrupting said discussion. This reminded some participants of a zoom chat, since you could leave quick comments for the presenter without taking up some of the limited time for the discussion.

thesis page 113 - 114

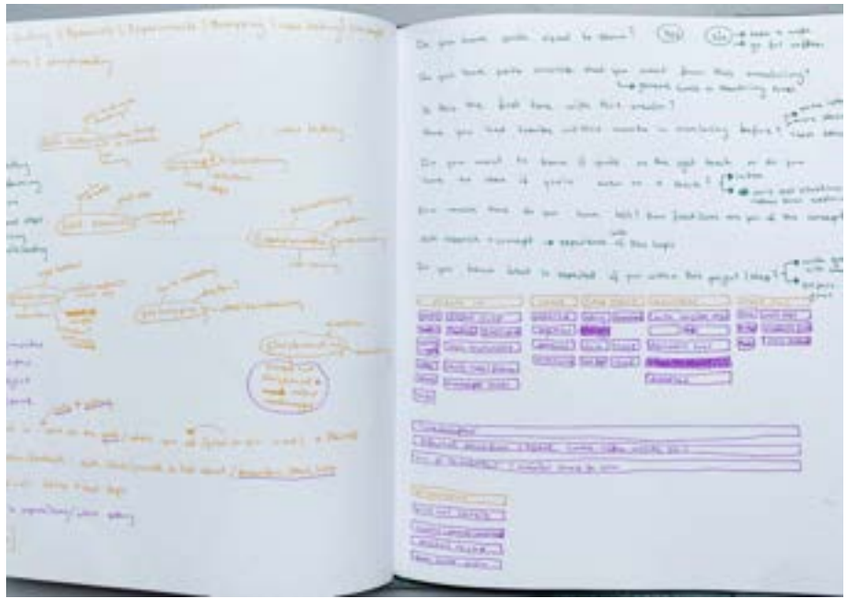


production

We took all the learnings from the experiments, prototypes, and testings to create a final prototype that targets the major leverage points we found: ownership, communication, and (breaking) structures.

We further worked on how our project will be communicated to other people with the video, exhibition and this thesis.

feeding back pictorial

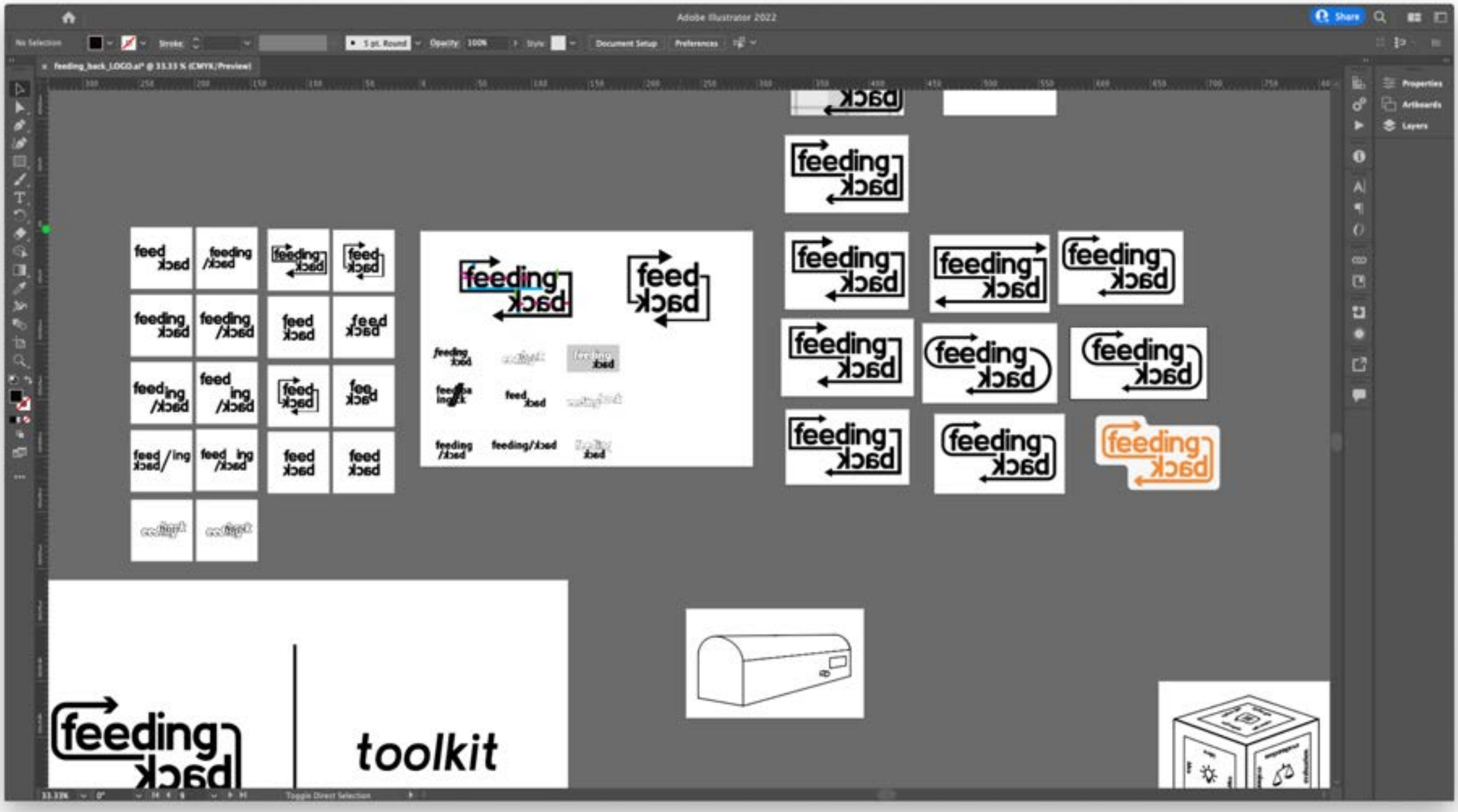


(break) structure How is the ideal mentoring structure created? An analysis of questions and their effects on the generated structure, as well as how to divide time.

thesis page 121

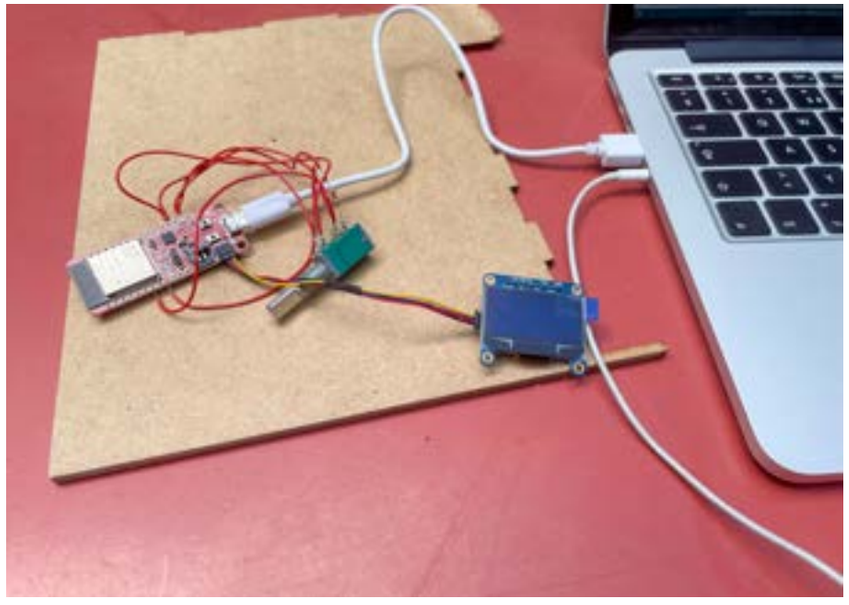
(break) structure Mock-Up of how the generated structure could look like and be communicated to students.

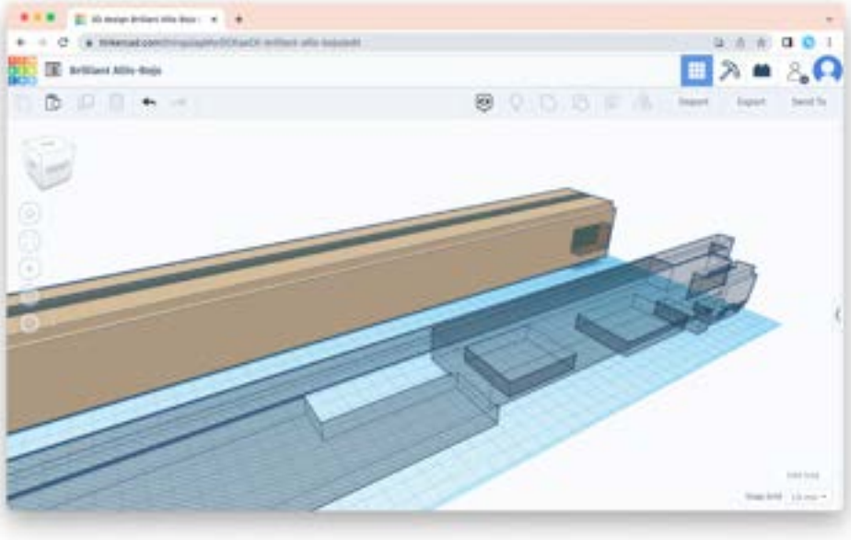
thesis page 121



logo development Development of the final name and logo of the project.

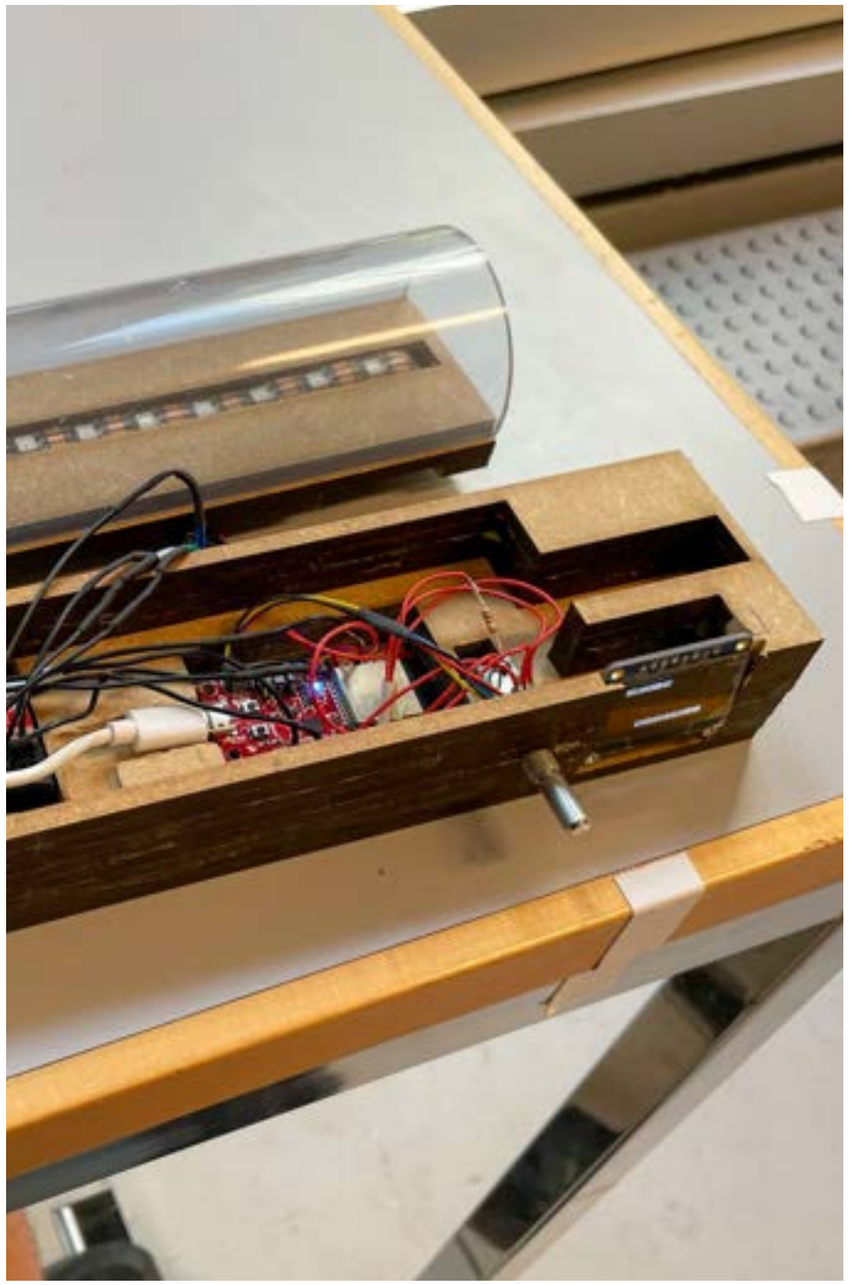
feeding back pictorial





building the led timer Testing of the electronics and creating a 3d model housing.

thesis page 122

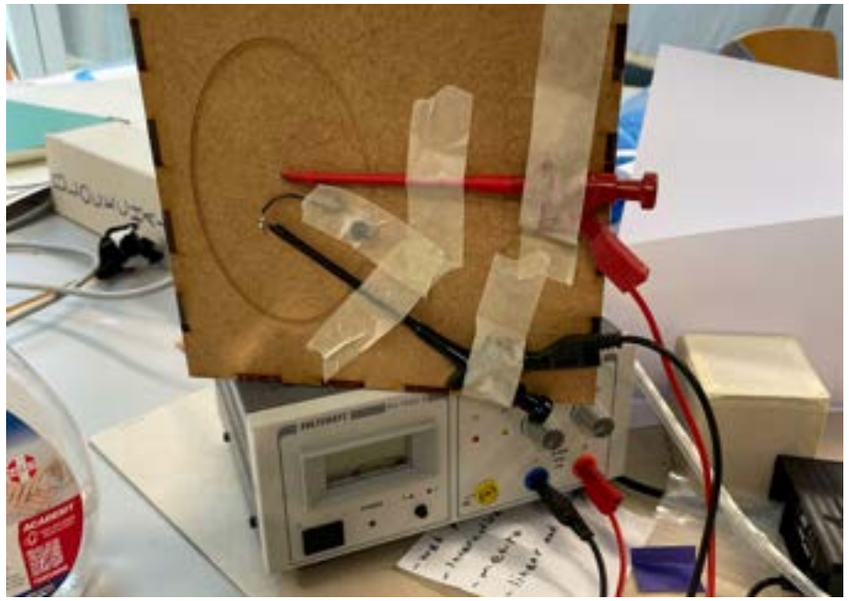


finishing steps The last steps of the assembly for the timer.

thesis page 122

final product The timer ready for use in mentorings.

thesis page 122

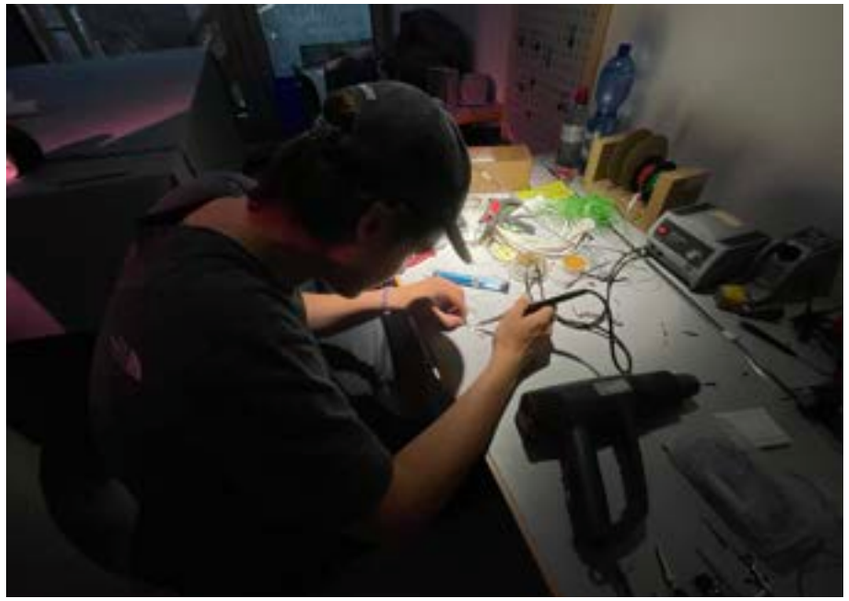


conversation cube Development out of the conversation glasses, which takes the form of a cube. Currently, the LEDs and vibration motor are being tested, which indicate if the talking time of someone is over.

thesis page 122

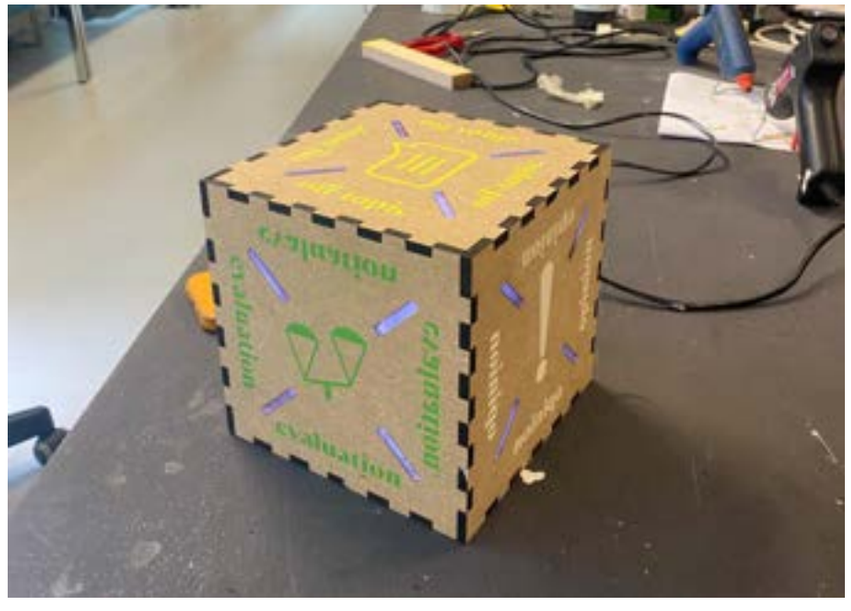
painting the sidepannels Tests on adding color on the sidepannels of the conversation cube, previously engraved with terms from the conversation board.

thesis page 122



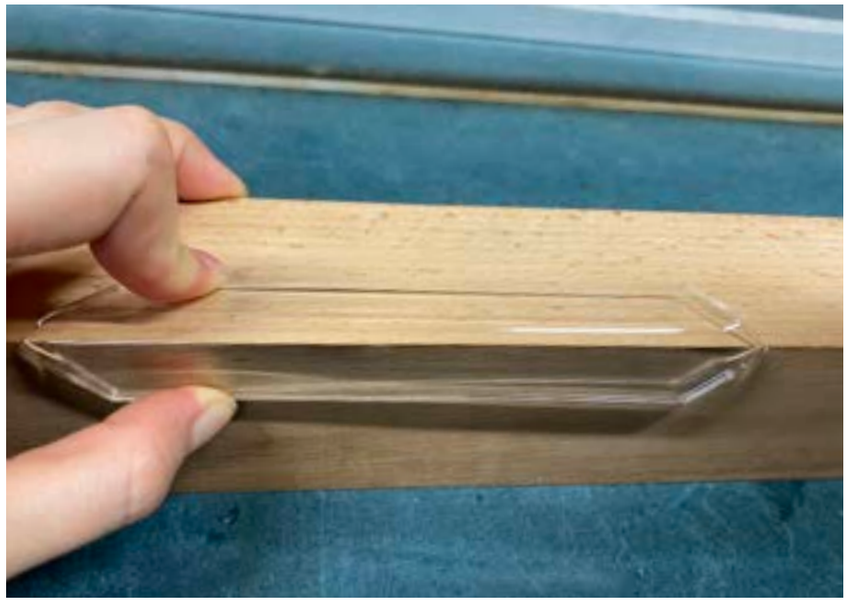
making it work Finishing the electronics and programming, to make the cubes functional.

thesis page 122



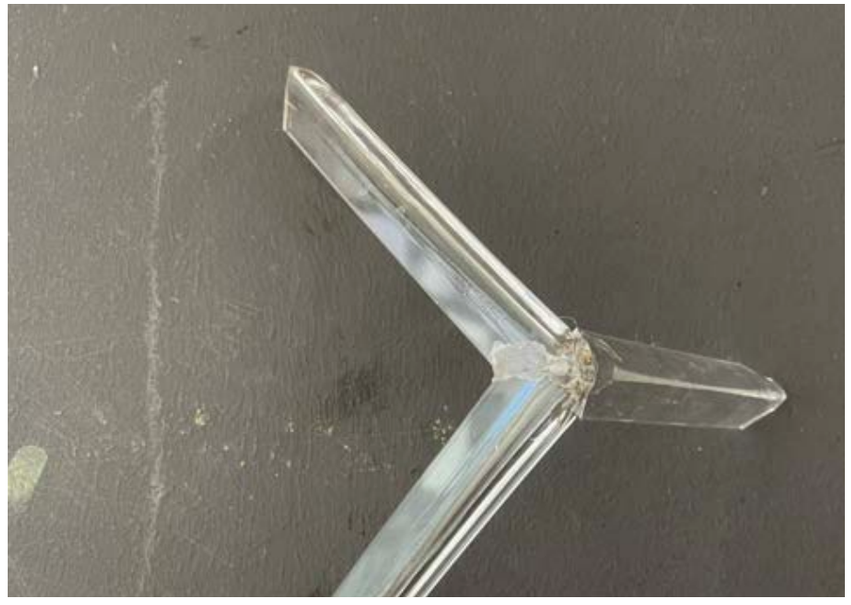
second iteration This is what the completed second iteration of the cube looked like.

thesis page 122



see-through edge Constructing the see-through edge for the second iteration on the cubes out of plexiglass.

thesis page 122



last steps of construction Sanding down the see-through frame of the third iteration of the cubes.

thesis page 122

final assembly Mounting the electronics in the cube, including the internal power source.

thesis page 122

finishing touches Peeling off the foil covering the writing and ikon on the side pannels, which had to stay yellow.

thesis page 122

the final cube The final prototype of the talking cubes is in the hands of Sandro.

thesis page 122

packaging Painting the wooden boxes serving as packaging for the two final physical prototypes. The logo of the toolkit was cut out of adhesive foil by the plotter, adding a crisp finishing touch.

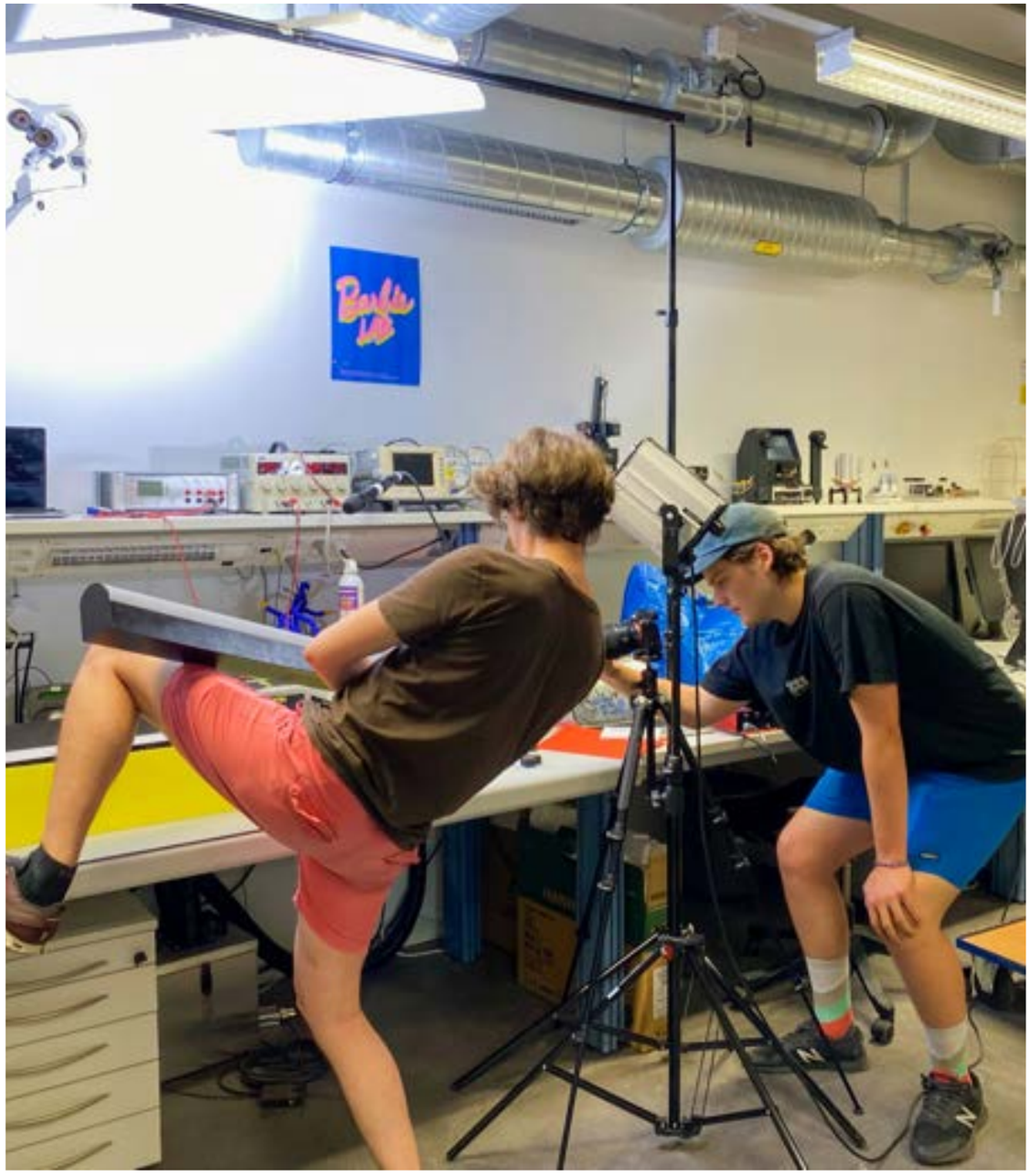
thesis page 120

packaging in use Since the box is quite big, its transportation is not that easy.

thesis page 120

transport of equipment Getting everything needed for filming to the Set.

build-up of the set For the video production, we created a set in the IAD-Lab.



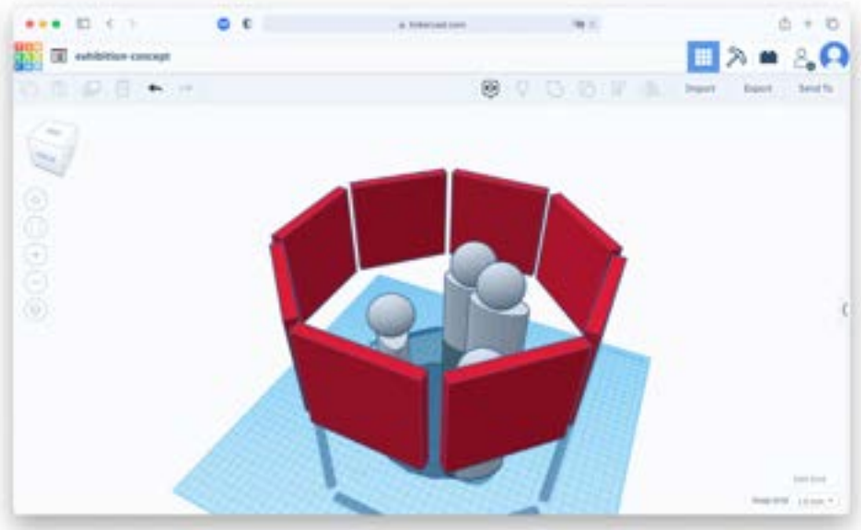
Helping hands Everyone giving it their all for the perfect shot.

the final prototypes in use Staged mentoring with our prototypes is use, for communication purposes of our project.

exhibition concept

feeding back pictorial

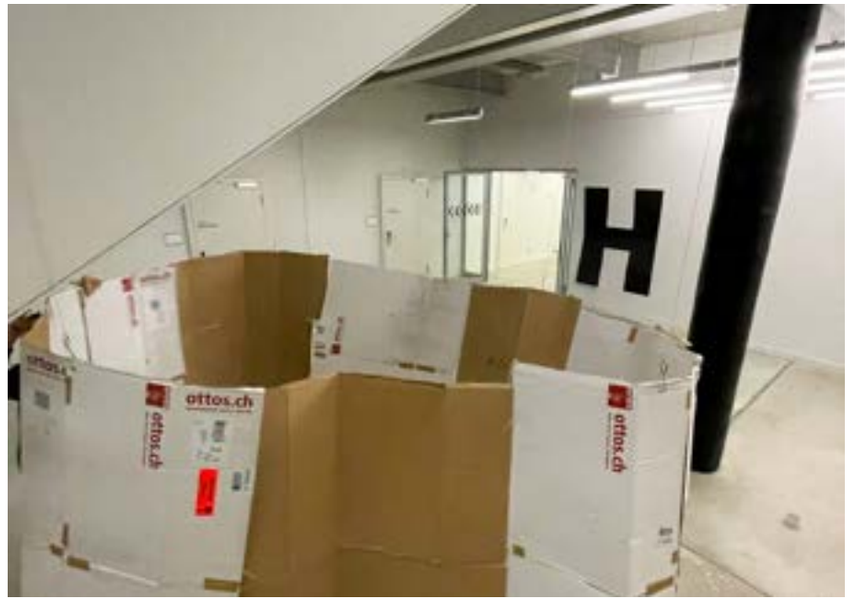
first cardboard model A small cardboard model, externalising our main idea, making it discussable.

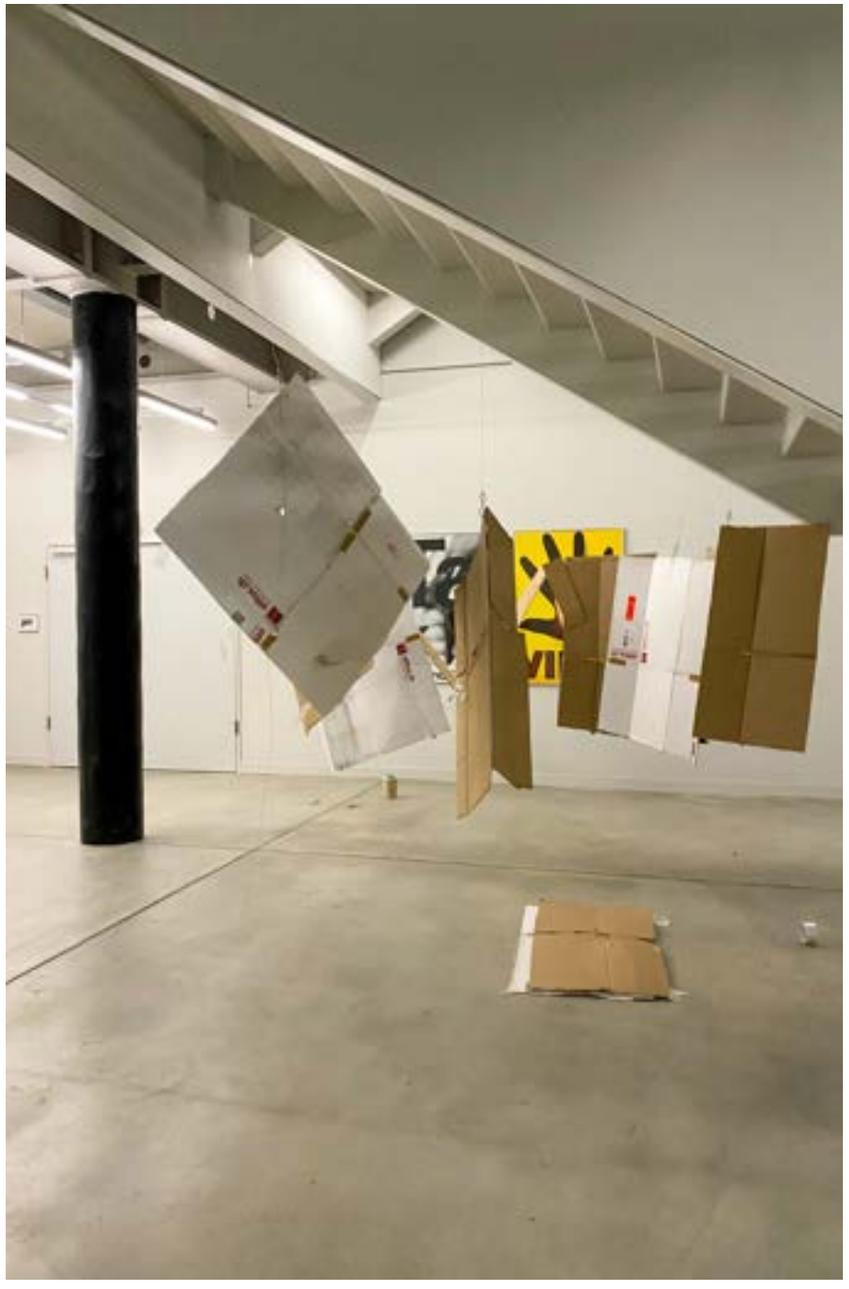


cad of the model 1:1 scale Drawing a 1:1 model to confirm the proportions and determine the measurements of the single components.

testing the proportions Testing the proportions from the CAD model in real life to get a feeling for the scale.

building a 1:1 prototype Building a 1:1 model with cardboard retrieved from the waste. Testing the size of the space and making sure multiple people can be within the exhibition simultaneously.

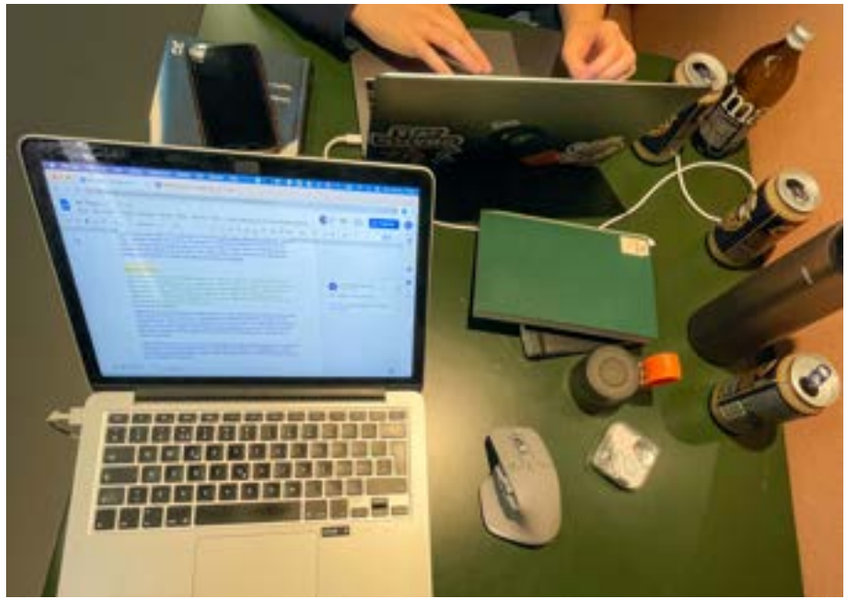


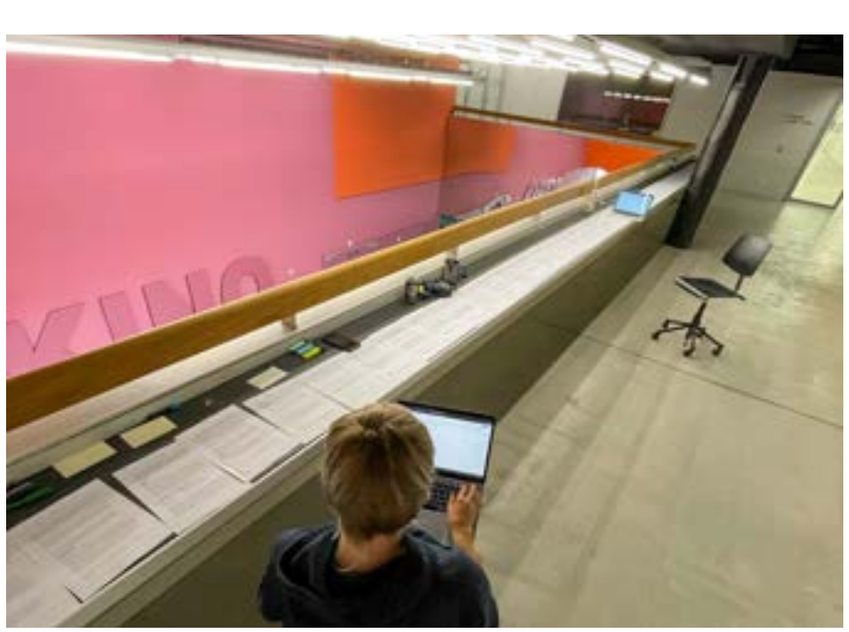


testing and dismantling the prototype While testing, the prototype decided it had been hanging long enough for us to check the size and began falling apart.

behind the scenes

See behind the camera and screen.
What else went into working on this project?



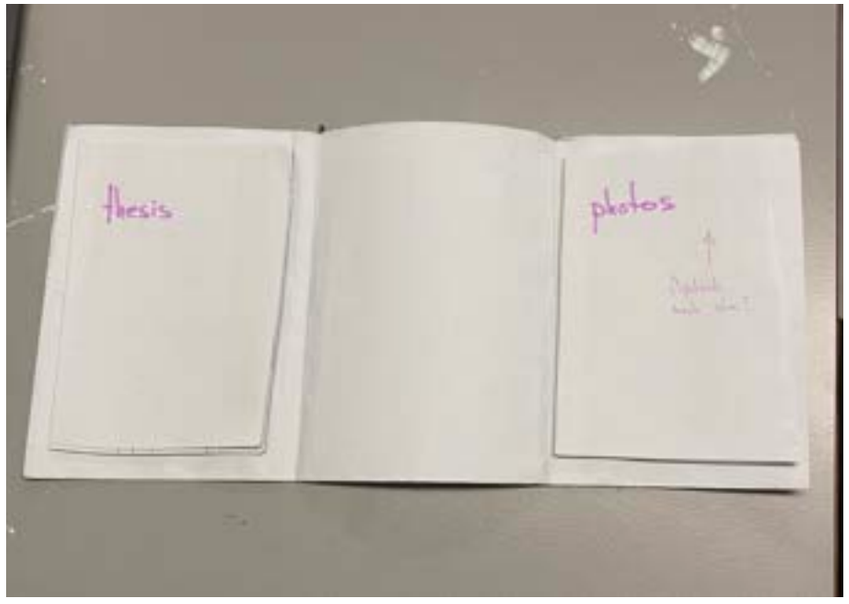


writing and structuring The first picture is how most of this thesis was written.

After the first draft, we also laid out the whole printed thesis to get an overview of what we had written and restructure it into a more cohesive package.

filming Documenting the talking cubes in use with peers and a mentor who volunteered as actors.

taking pictures The studio setup for the documentation of the toolkit.



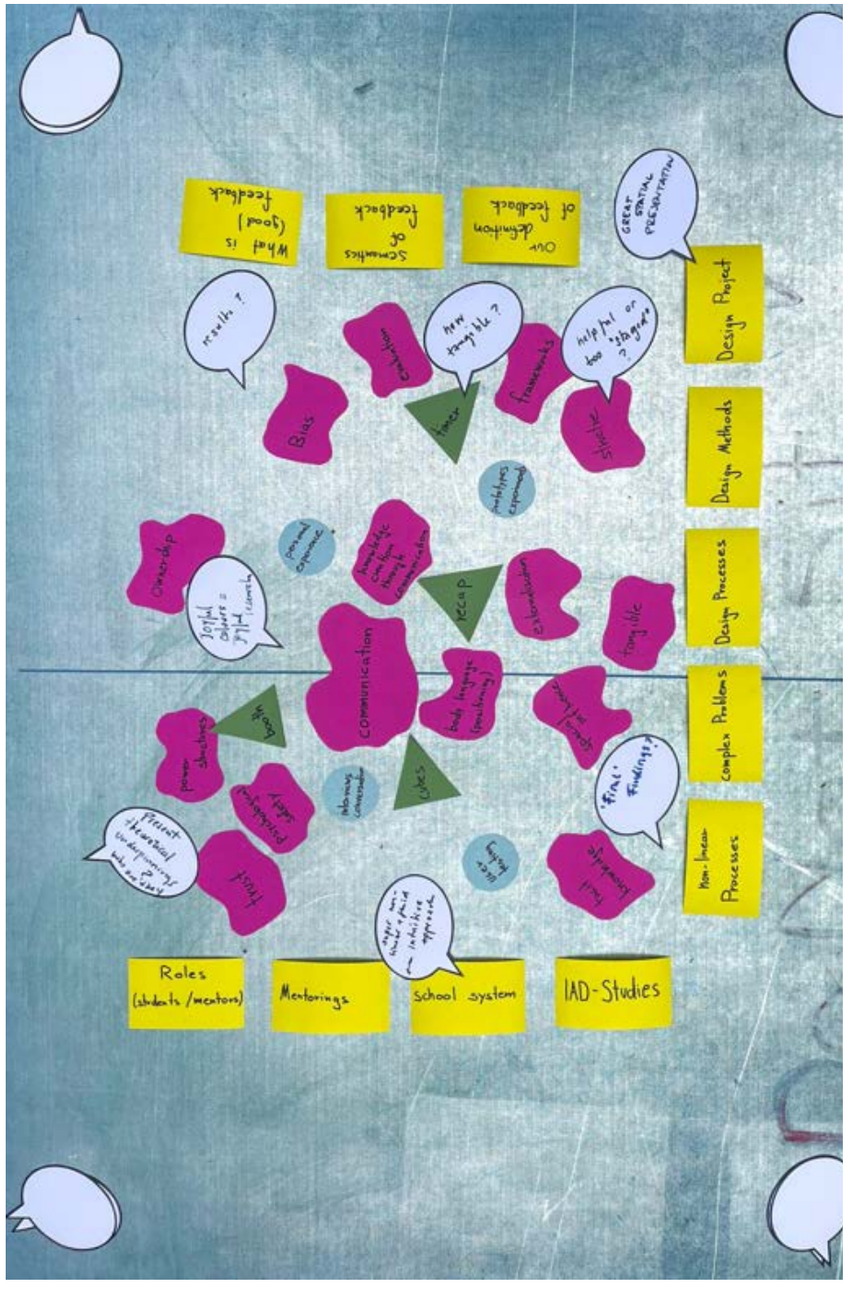
first book dummy First quick paper dummy, created to test how the thesis should be printed and assembled and how it can be opened and looked at.

The first prototype created by the bookbinders underneath.

prototypes for the final book Looking at and testing different materials, binding types and papers, keeping in mind the price, handling and look.

The folding mechanism we decided on, thought of and created by Alexandra Hofmann, the apprentice at our bookbinders.

testing the first presentation Throughout the process, there were numerous presentations. Those were always tested with and commented on by Sonia and David, which improved our presentations significantly. Thank you both!



the final presentation The presentation of our theoretical work is laid out above, created for the thesis colloquium, presenting our research and findings as this project is coming to a close.