HI,
MY NAME IS OLAF

PORTFOLIO | 2022

OLAF LANGHORST

ABOUT ME

Hi, my name is Olaf and this is my design portfolio. The projects contained in this portfolio give a good representation of my character. Functional, reliable and down to earth. I like my designs to be practical, which makes sense as I am coming from a mechanical engineering background. Anyway, I hope you enjoy looking through my portfolio and thanks for having a look!

Strengths

- Complex mechanisms
- Electrical component integration
- Prototyping
- User friendliness

PERSONAL PROJECT 2022

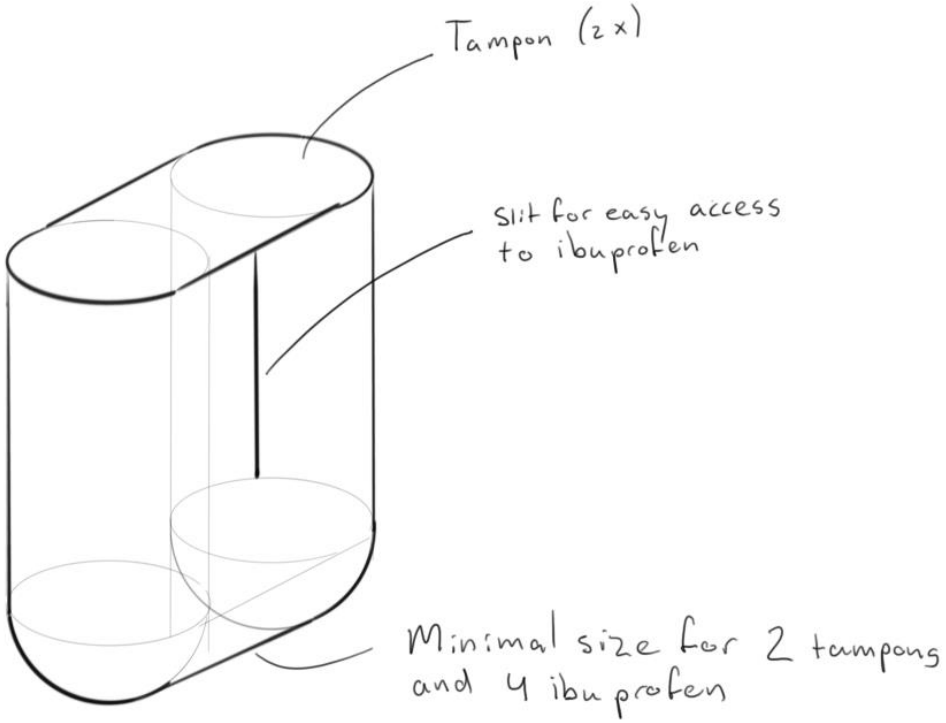
TAMPOD

A couple of months ago my girlfriend brought up a struggle she was having. Her tampons and ibuprofen, the use of which often go hand in hand in her case, kept getting lost, damaged or forgotten. Immediatly I began thinking of how this problem could be solved. Multiple concepts were tested by my participant (my girlfriend) and the winning design is still in use to this day! The upcoming section is about the process and final product I fittingly call the TAMPOD. Enjoy!

THE DESIGN CHALLENGE

I want women to stop losing, damaging and forgetting their tampons and or iburpofen because it makes them feel panicked and uncomfortable.

THE CONCEPT



MOODBOARD

REQUIREMENTS

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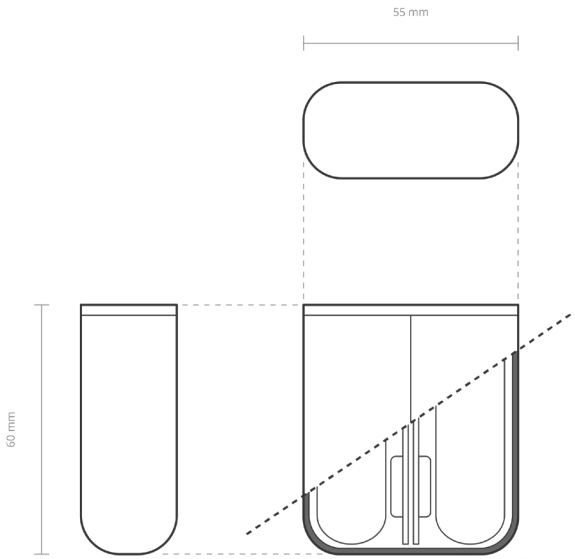
THE RESULT



MOOC DELFT DESIGN APPROACH 2022

BON

Over the past few years my morning routine has become less and less cluttered. Still, it regularly occurs that I have to rush at the end of the morning to brush my teeth, pack my bags, figure out what to wear etc. I'm sure this is relatable to most. I have also noticed that making lists helps me declutter my mind. It's a tangible way to put things in perspective. Putting these two together led me to the BON. A personalized receipt of your day printed every morning. You'll have a tangible list showing all the info you deem necessary to get ready for the day ahead.

THE DESIGN CHALLENGE

I want starters and students who feel stressed and overwhelmed in the morning to feel in control. This feeling of control will have an empowering effect that will last througout the day

THE CONCEPT

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REQUIREMENTS

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THE RESULT

Goodmorning!
18°C
New Tasks
Clean the bathroom
Submit assignment
Unreceived tasks from yesterday
Read chapter 7
Appointments
12:45 lunch with Sophie
20:00 Football
"You miss 100% of the shots
you don't take."

CONTEXT (STUDY/WORK) YEAR

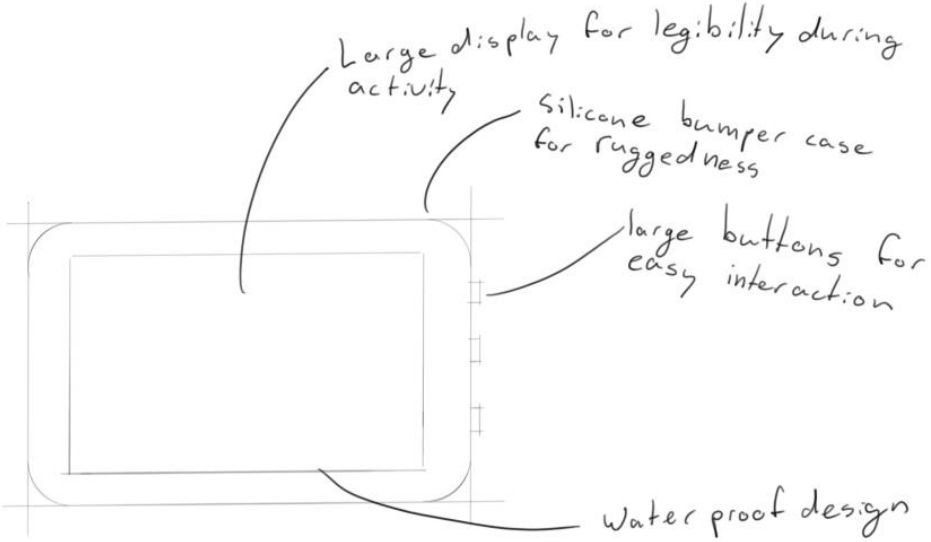
PROJECT TITLE

A few years ago I used to row at a relatively compatible level. Everyone knew that being able to measure your performance is key to imporving them. There are a few ways to do this. One would be to have your coach bike along with the boat and use a stopwatch or a timer on their phone, another would be to purchase a rowing computer. In my opinion these rowing computers were wildly overpriced for the function they provided which created an uneven playing field. Those with the money to buy such an expensive rowing computer would likely progress more easily. I saw it as my duty to create an affordable rowing computer that would eventually be open sourced.

THE DESIGN CHALLENGE

I want rowers that want to imporve their performance but don't have the money to buy expensive rowing computers to be able to do so. This will level the playing field and allow more rowers to progress

THE CONCEPT



MOODBOARD

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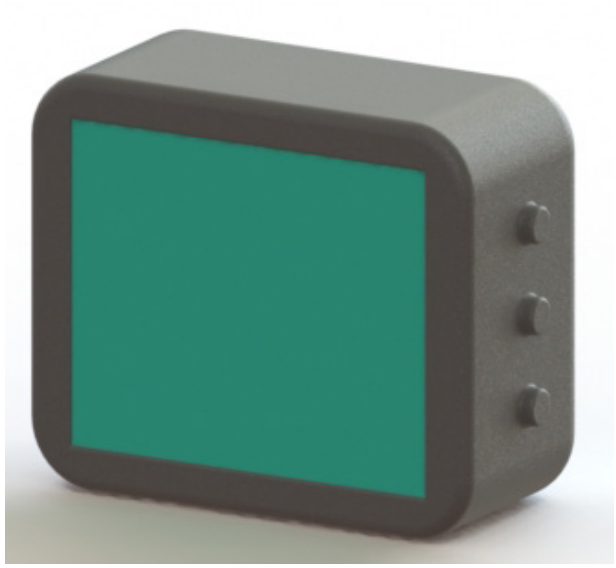

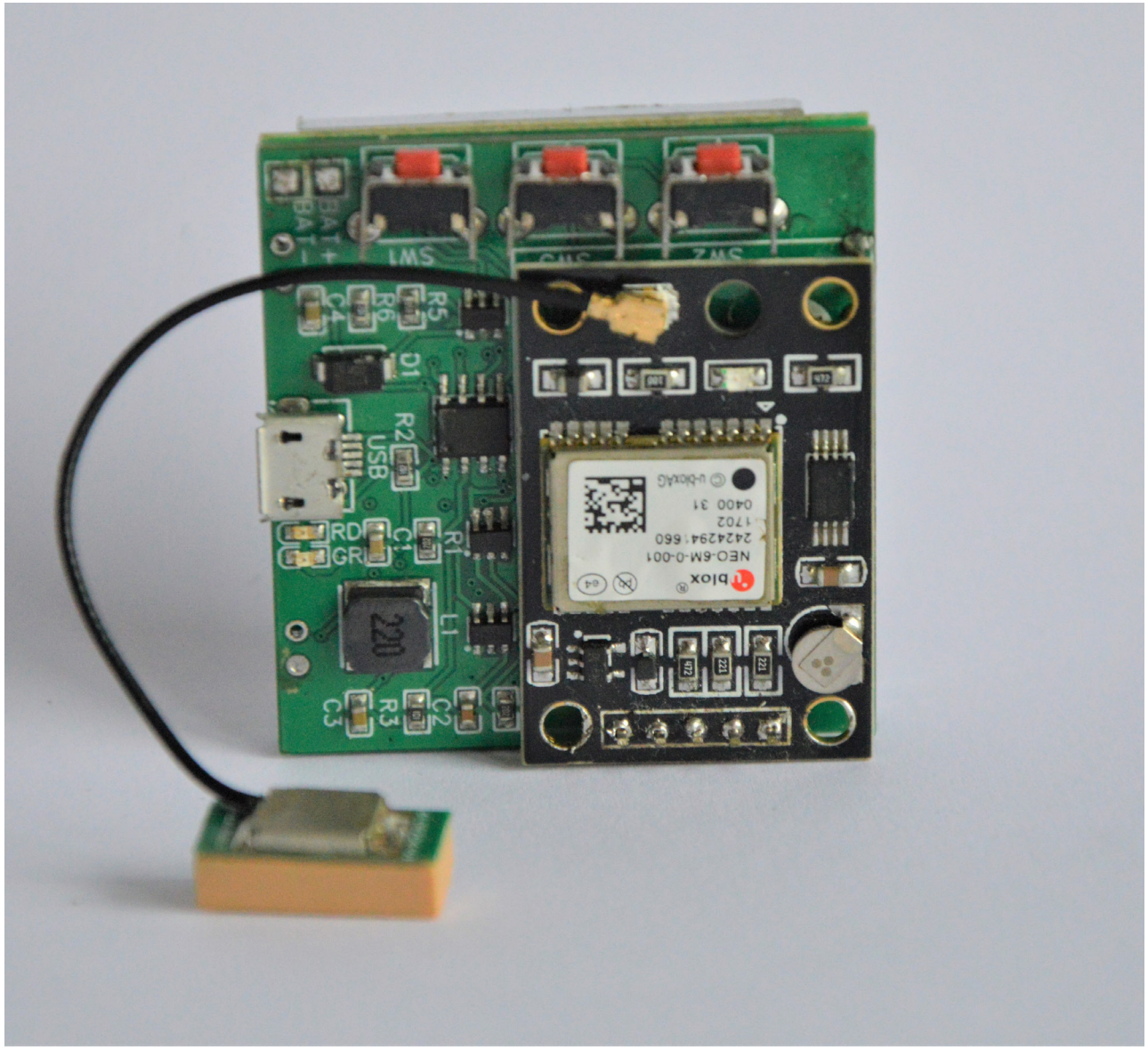
SW1
SW2
USB
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R1
R3
R5
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D1
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CONTEXT (STUDY/WORK) YEAR

PROJECT TITLE

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THE ASSIGNMENT

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THE RESULT

OVERVIEW OF PROJECTS MADE FROM YEAR - YEAR

OTHER PROJECTS

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