

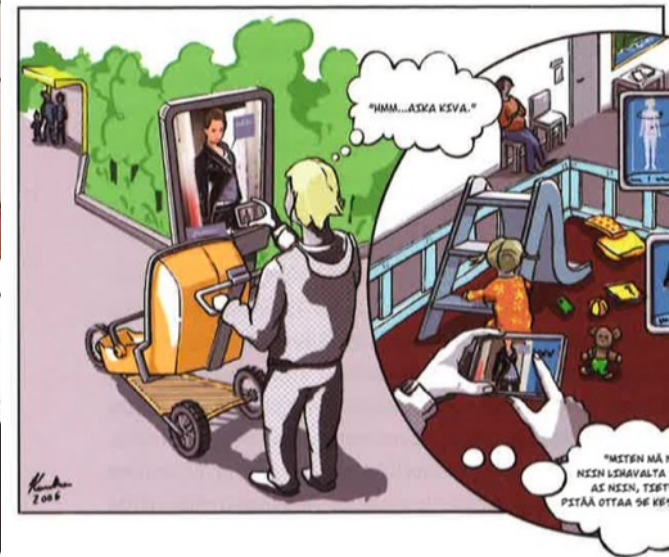
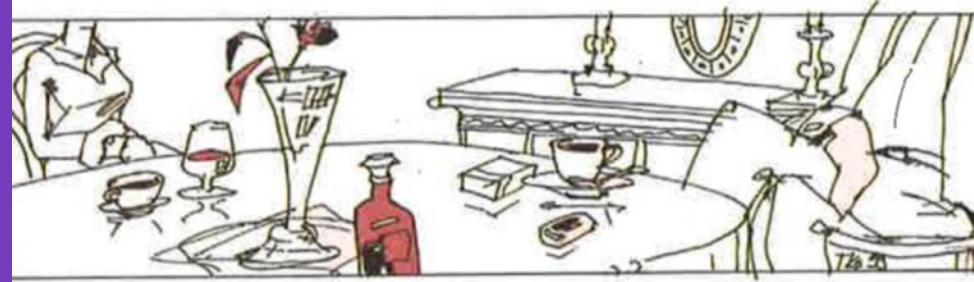
Storyboards

Ideas in action

Salu Ylirisku
15.10.2021

A''

Aalto University
School of Electrical
Engineering

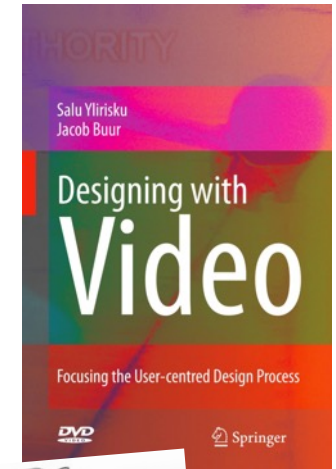


Images by Kirsikka Vaajakallio & Turcka Keinonen

Salu Ylirisku

- **Doctor of Arts / Concept Design / Aalto University**
- **Master of Science / Interaction Design / Univ. of Helsinki**

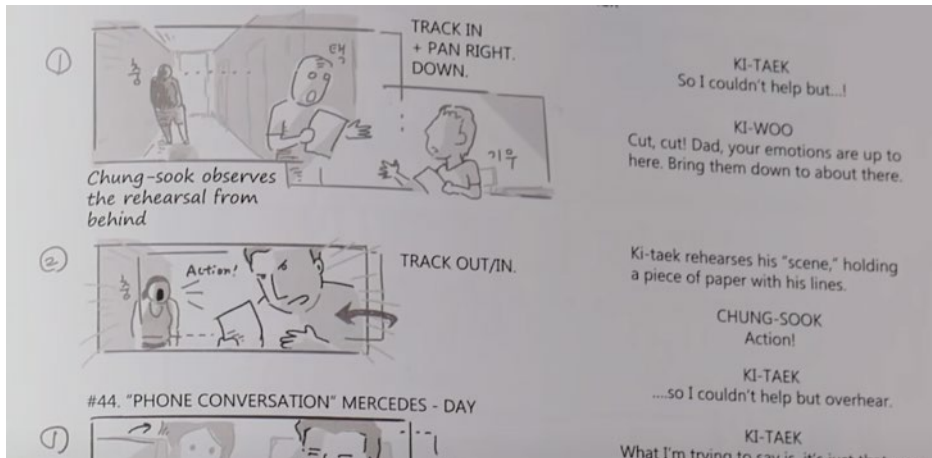
- **Over 20 years experience of human-centred design practices and action-based design**



2007

Storyboard Originates in Movies

- A way to 'watch' the film before shooting it
- Enable detailed planning and coordination of the production



https://www.youtube.com/watch?v=JE26E4IM_-g



Storyboard excerpt from the movie Parasite

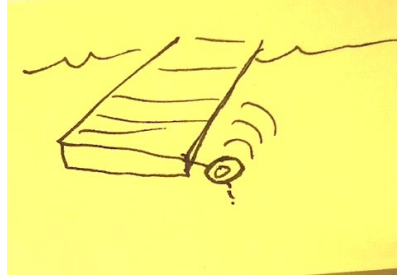


Shot from the movie

Example – Remote Temp Sensing



The owner of a summer cabin at a lake, Petra, wants to know how cold the water is at her summer cabin.



She has a wireless thermometer attached to her dock that measures water temperature.

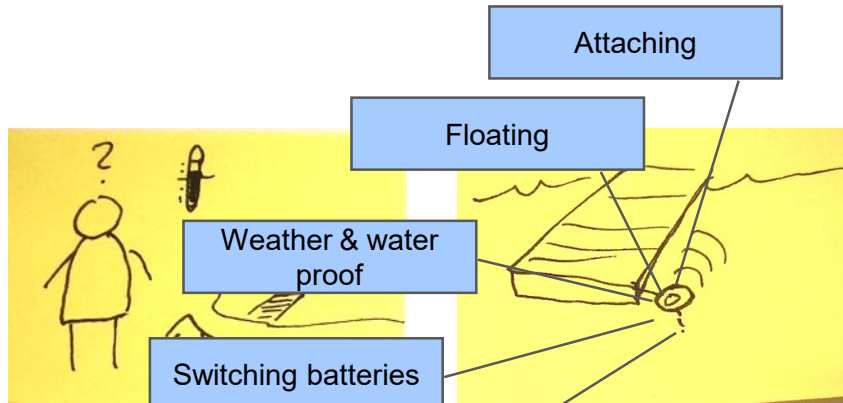


The wireless thermometer sends the temperature data to internet service once a day.



Petra can see the lake temperature on her mobile phone.

What functionalities/features?



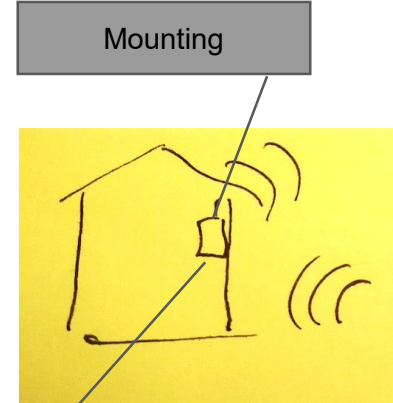
The own
summer
lake, Petra
go swim
wants to know, before
leaving home, how
cold the w

Computer connection & admin interface needed!

Metering the temperature

Connecting to router (LoRaWAN)

Indicating that connection ok/not



Connecting to internet

Setting up access point

Computer & admin interface needed



Installing the app

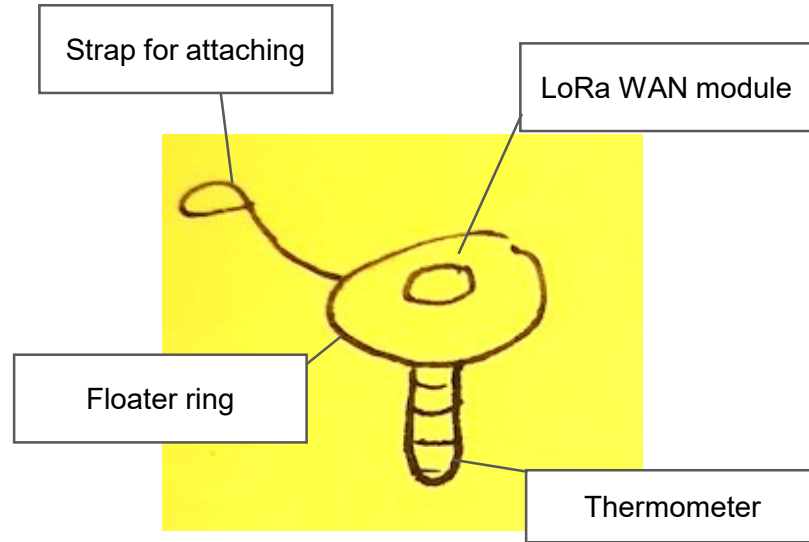
Creating an account

Connecting to user's account

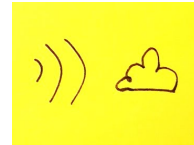
Showing the measurements

Poster

Wireless Remote Water Thermometer



Safe to use
2 x AA battery
Battery life
up to 3 years

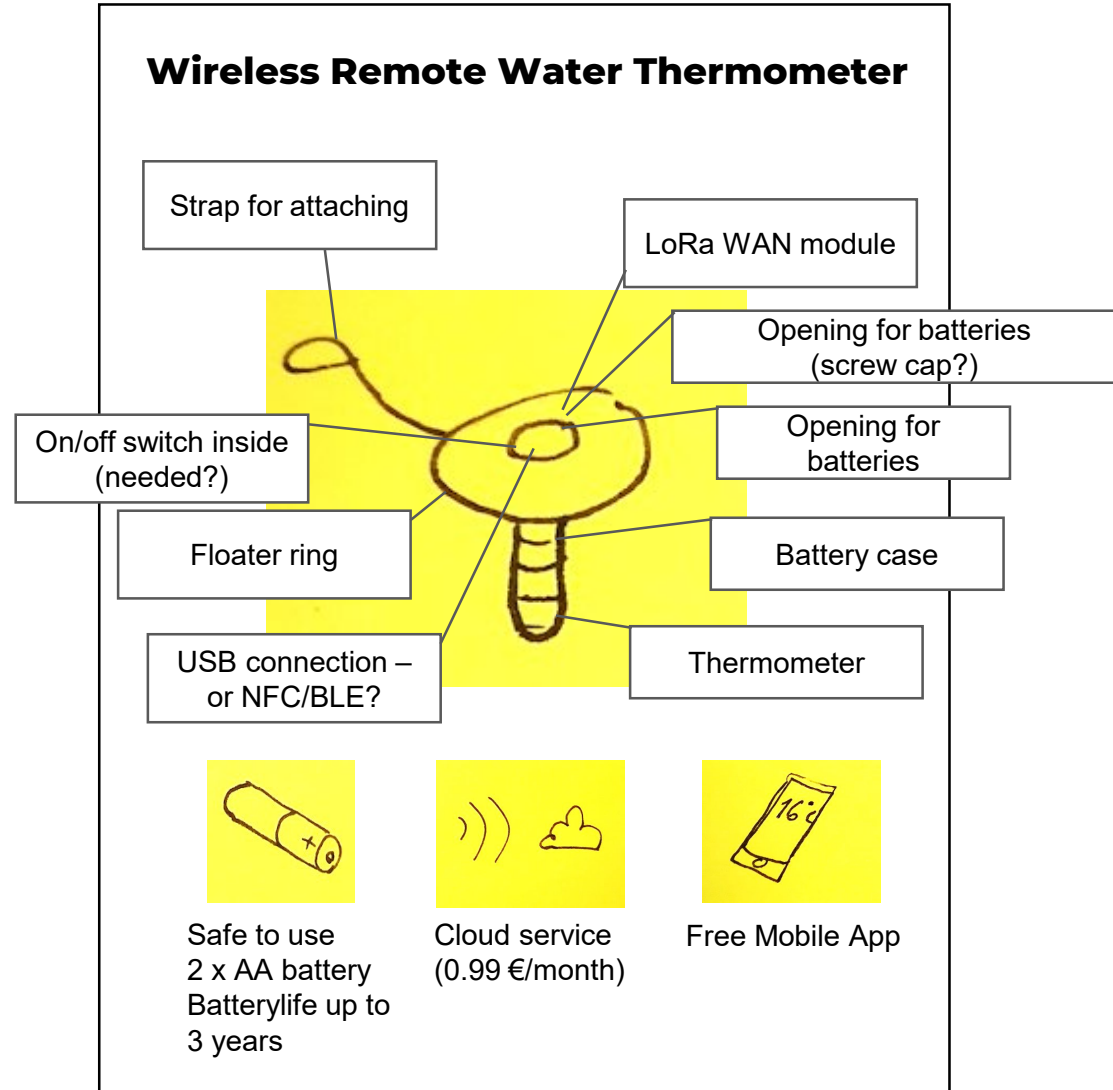


Cloud service
(0.99 €/month)



Free Mobile App

Poster



Storyboards: When to use?

- **If you have an idea, which is difficult to understand without ‘seeing’ how it works as part of an activity**
- **At the very early stages of design, as soon as the overall idea is fixed**
 - Here the storyboards are very sketchy – to invite more essential feedback, and to also be easier to edit
- **Can be used in greater fidelity**
 - E.g. if you want to inform detailed UX/IX design through a fancy animation

Storyboards in Design

- **Developing an idea**
 - Sketchy stuff, collaborative work on the narrative – thinking about functionality in action context
- **Communicating an idea for feedback**
 - Can be shown to potential users in order to get relevant feedback – even to re-design the story
 - “Is this a relevant problem for you?”
 - “How would you use it in this situation?”
- **Sharing the idea internally in your organisation**
 - Storyboard should communicate an idea economically
 - If a written narrative is better, then use it!

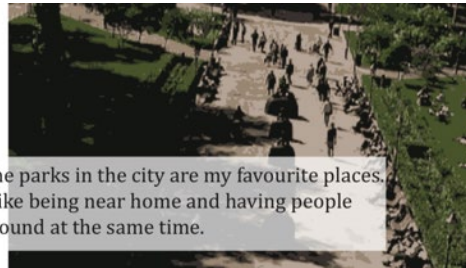
How to create a storyboard?

1. Focus on one situation

- Who are the users? Where are they? What they want to do? Problems they face?
- Ideally this is based on actual research
- You may start with your own experiences and capacity to imagine



Antti
38 years



The parks in the city are my favourite places. I like being near home and having people around at the same time.



How to create a storyboard?

2. Sketch out the key events in your story

- Make it rough! Maybe text at first – it is easy to edit
- Rough sketches are good for getting overall insights
- Detailed sketches invite critique on non-essential details



How to create a storyboard?

3. Prepare the story presentation

- Digitize your sketches (photos -> email -> slide)
- Collect the story into a slide/A4
 - Polish the quality a little (contrast, lighting, cropping) to make less crappy
- Write the texts – be concise!

Team Task – Create a Storyboard

1. Focus on one situation
2. Sketch out the key events
3. Prepare the presentation
4. Import to Miro board



40 mins.

- [https://miro.com/app/board/o9J_lqKDwfl=/
https://miro.com/app/board/o9J_lqKDwfl=](https://miro.com/app/board/o9J_lqKDwfl=/)
- Password: story2021

5. Present
 - We will review as many as time allows

Questions?



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