Prototype

First layer of info
Parameters:
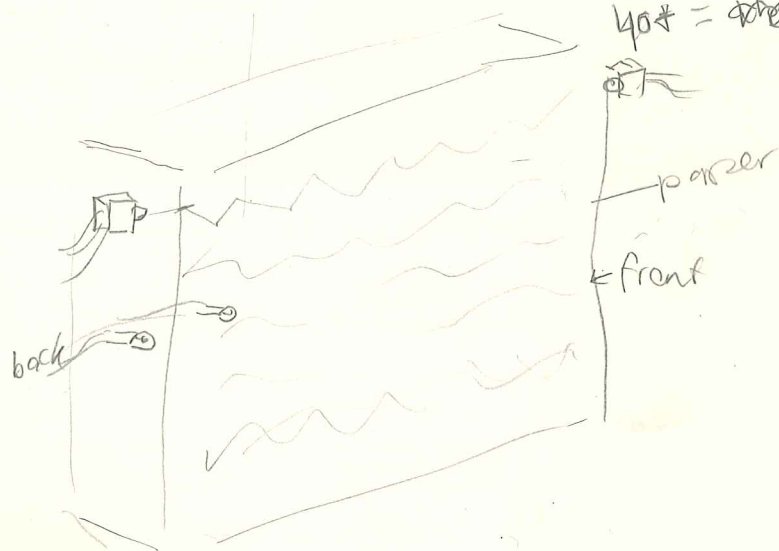
EMG   - movement ← → or several parts / only

ECG   - movement / vibration

Temp. body - colour LEDs   or whole thig

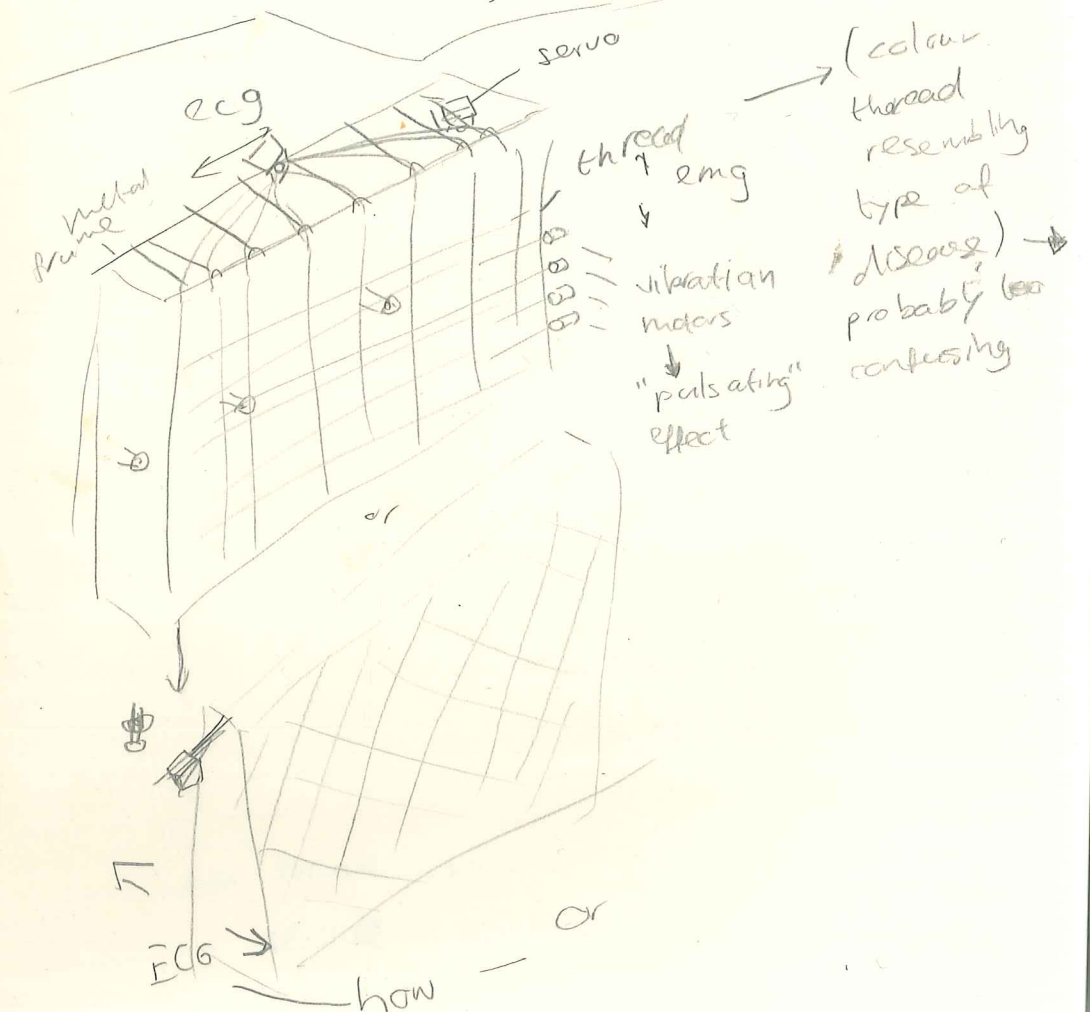0-37 = blue → normal
37 - 40 = white → feverish
40+ = red → abn.

paper
front

back

Testing: biometric data not necessary
↳ able to detect differences
in movement

if possible
↳ nicer

test with one
prototype

wizard-of-oz test
multiple ones

servo

ecg

metal frame

thread + emg

vibration motors

"pulsating" effect

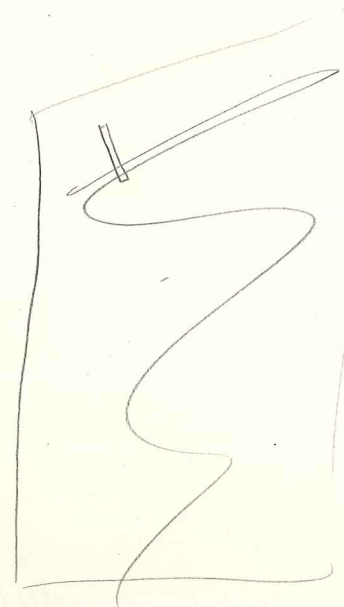(colour thread resembling type of disease) → probably too confusing
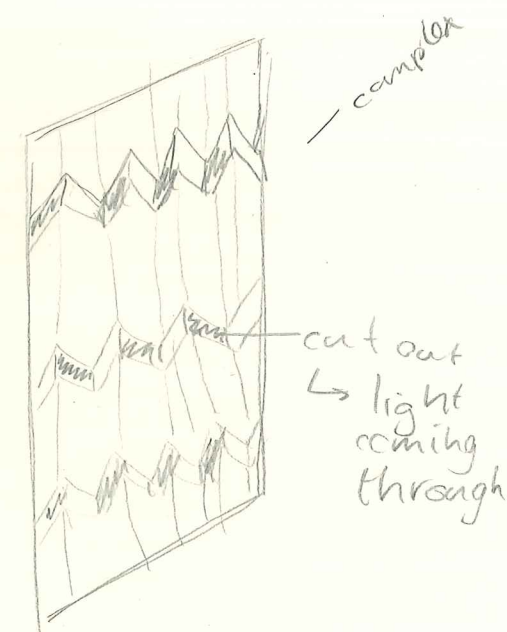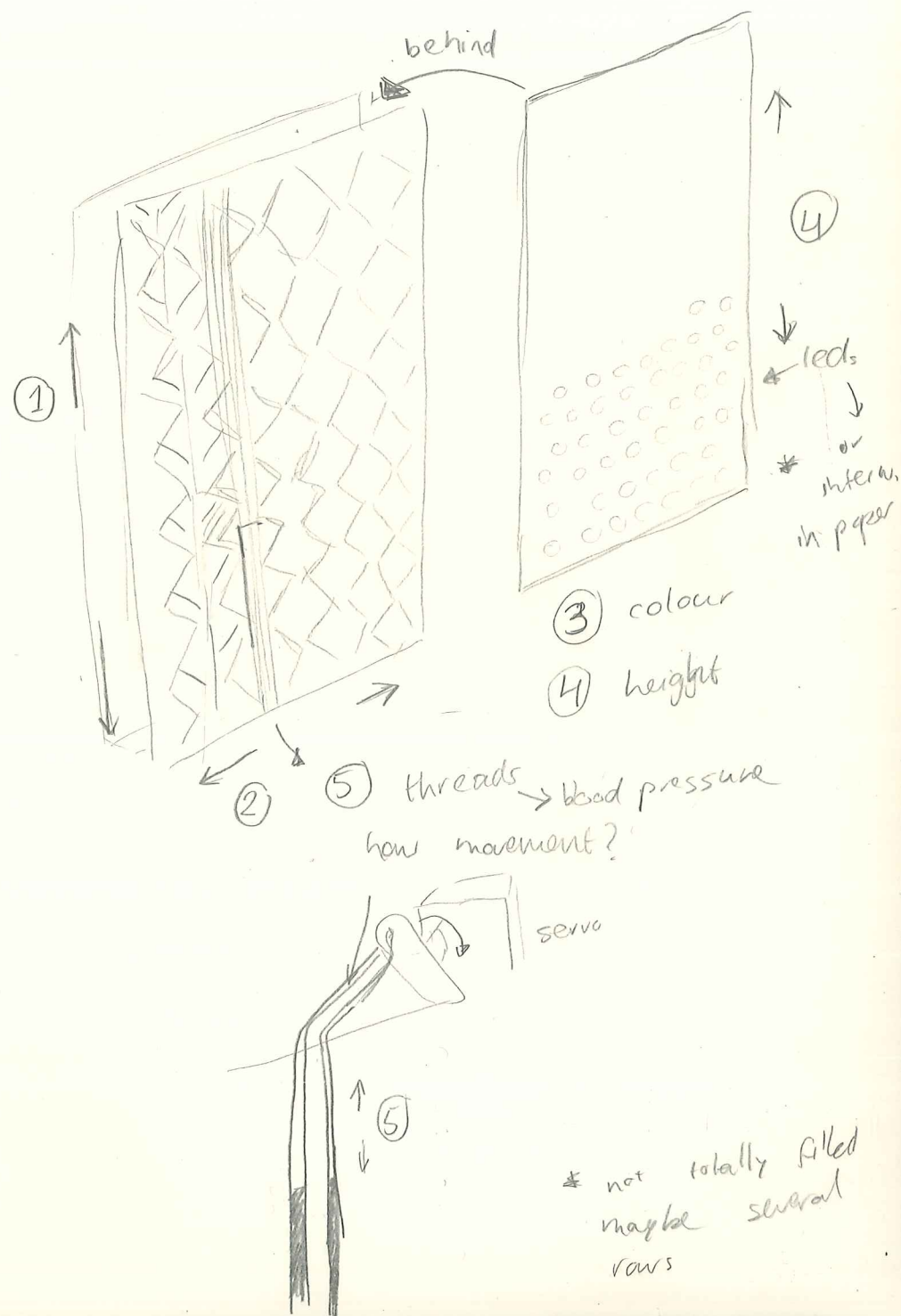
or

ECG →   or

how

Normal blood pressure: 120/80
High blood pressure: 140/90
Low blood pressure: 90/60
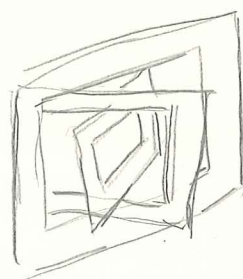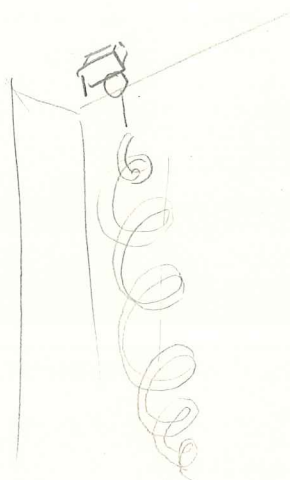
p.129

○ Few different versions

• make computer sketches
  — different parameters

• read + write
  filling in gaps

• make mock-up
  vis. → projection

○ wireframe 2nd layer
↳ don't forget
  about personalised
  info etc

○ chi + farm (???)

behind

① ② ③ colour ④ height

⑤ threads → blood pressure
how movement?

servo

⑤

* not totally filled
maybe several
rows

④

leds

* or
internal
in paper

complex

cut out
↳ light
coming
through

cut outs
↳ patterns/
small hole
→ cuts

"main pattern"

①&② - heart rate

③ - body temp

④ - oxygen in
blood.

⑤ - blood pressure

behaviour,
movement,
light

* where aesthetics
can most differ

↳ this can vary maybe
per person

Left page (bottom):
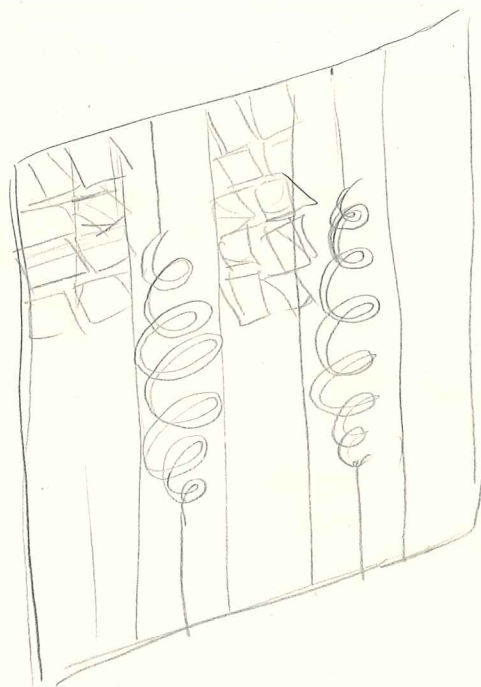
- adrian freed conductive
  fabric
  ↳ library of conductive
  materials
  ✓ into text

Right page:

- thank all workshops + keynotes
- send jeanete falk olesen (?) graphics
- proceedings done?
  - double check attendance
  - send off proceedings / link
    in email

- kobakant
- fashioning technology

| untitled sound objects |
  ↳ mechanical implimentation

- parametric design — esben aau
  ↳ ~~biometric~~ design → motors that
    work like
    muscles

- electrotexture lab
- interactive wall — delft
- interactive fabrics — leah buckley
  conductive ✓ lilypad
  ~~materials~~ ✓ sew electric

- Theoretical framework

State of the art ubicomp
in healthcare / hospital

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* make different sketches
  - work out in comp. later

* make one working prototype

    - LEDs
    - thread/wire
    - paper
    - vibration motors
    ✓ servo motor

* Make one sketch in computer
  ↳ animate
  → make ready for user testing

"white board"

vital signs
of patient
first layer
public
①

ti-scanner - invisible

- interactive screen or
  proj.
② Personalised
  EMR

NFC

visual

Lab
tests +
x-ray

virtual   read

apparths

other / cross
more op.