Interaction Design & Virtual Reality

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Assistant Prof.

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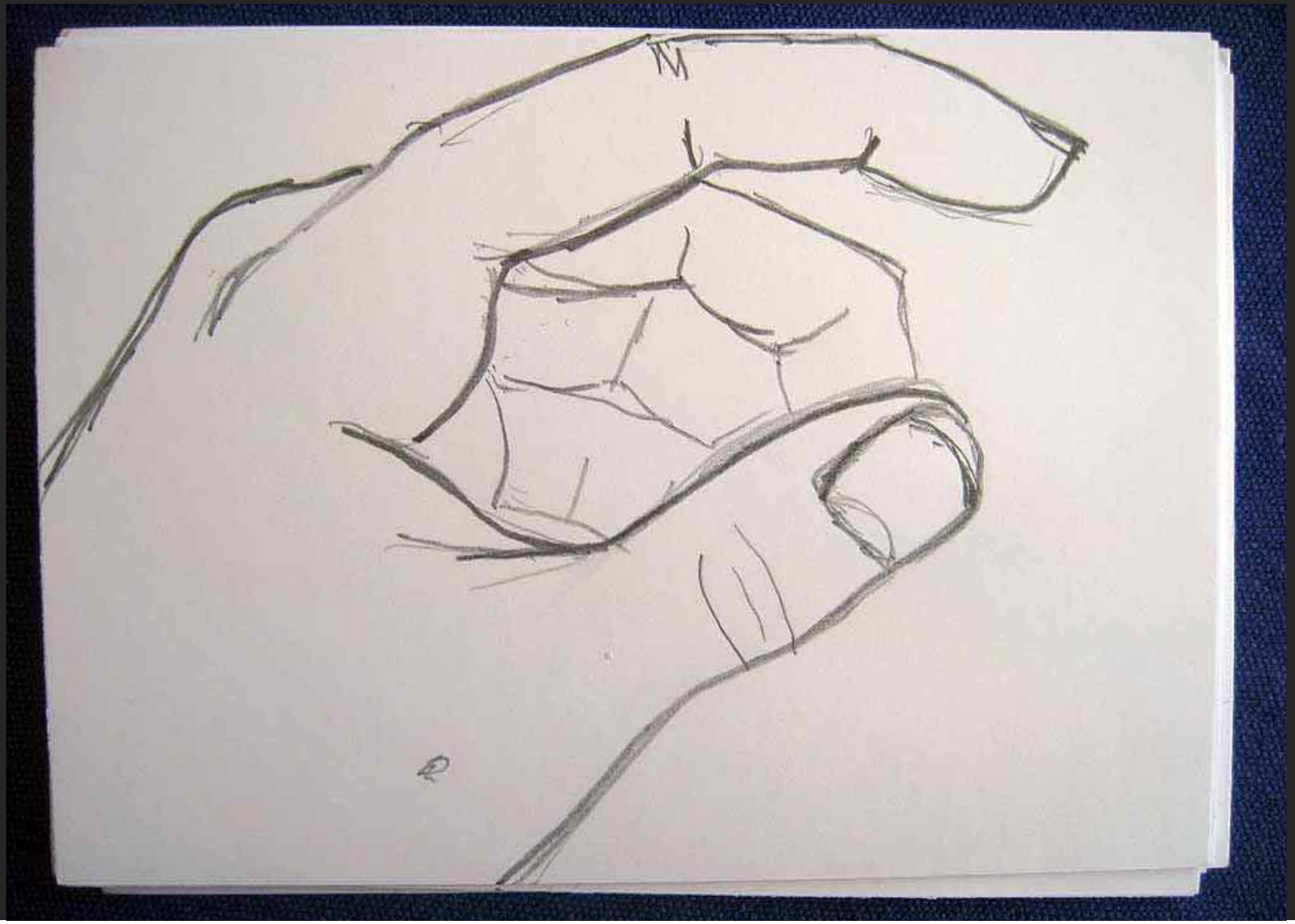
drawing in 2D

sketch



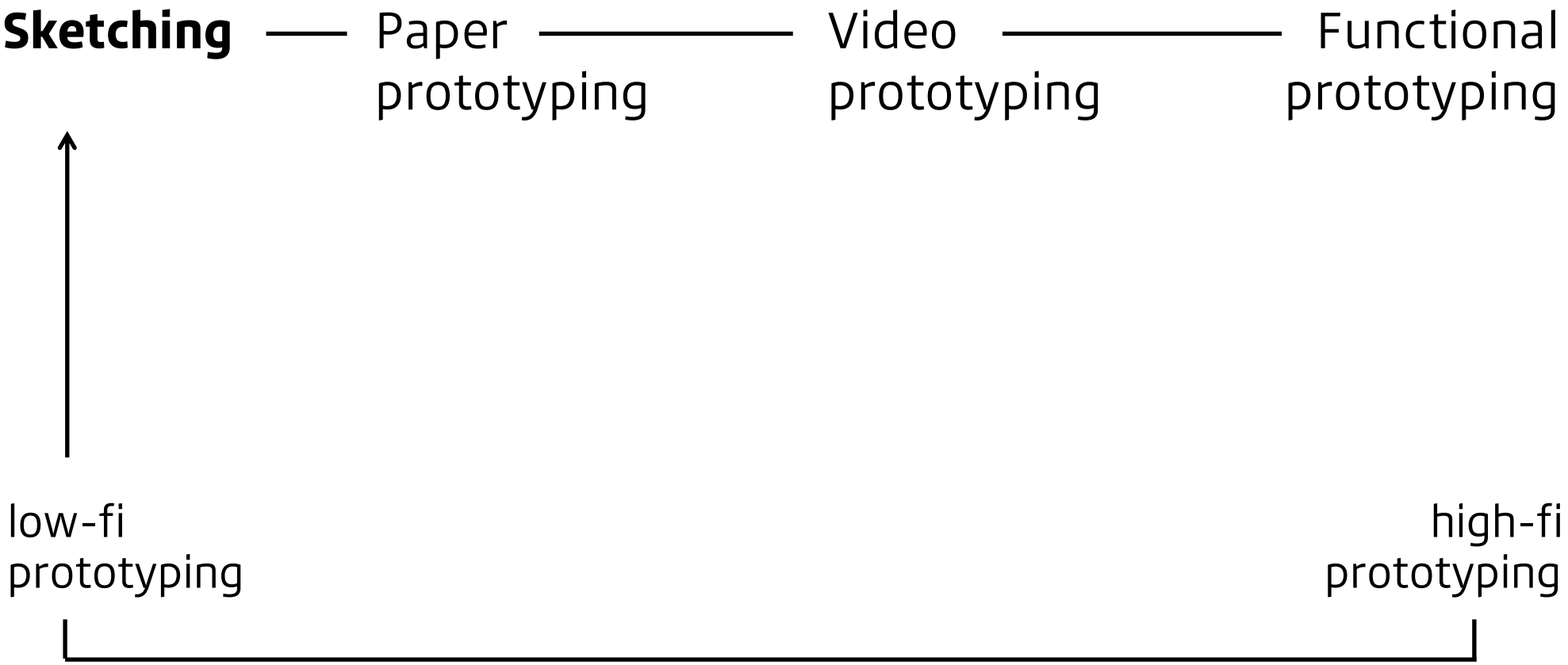
drawing your hands in two gestures

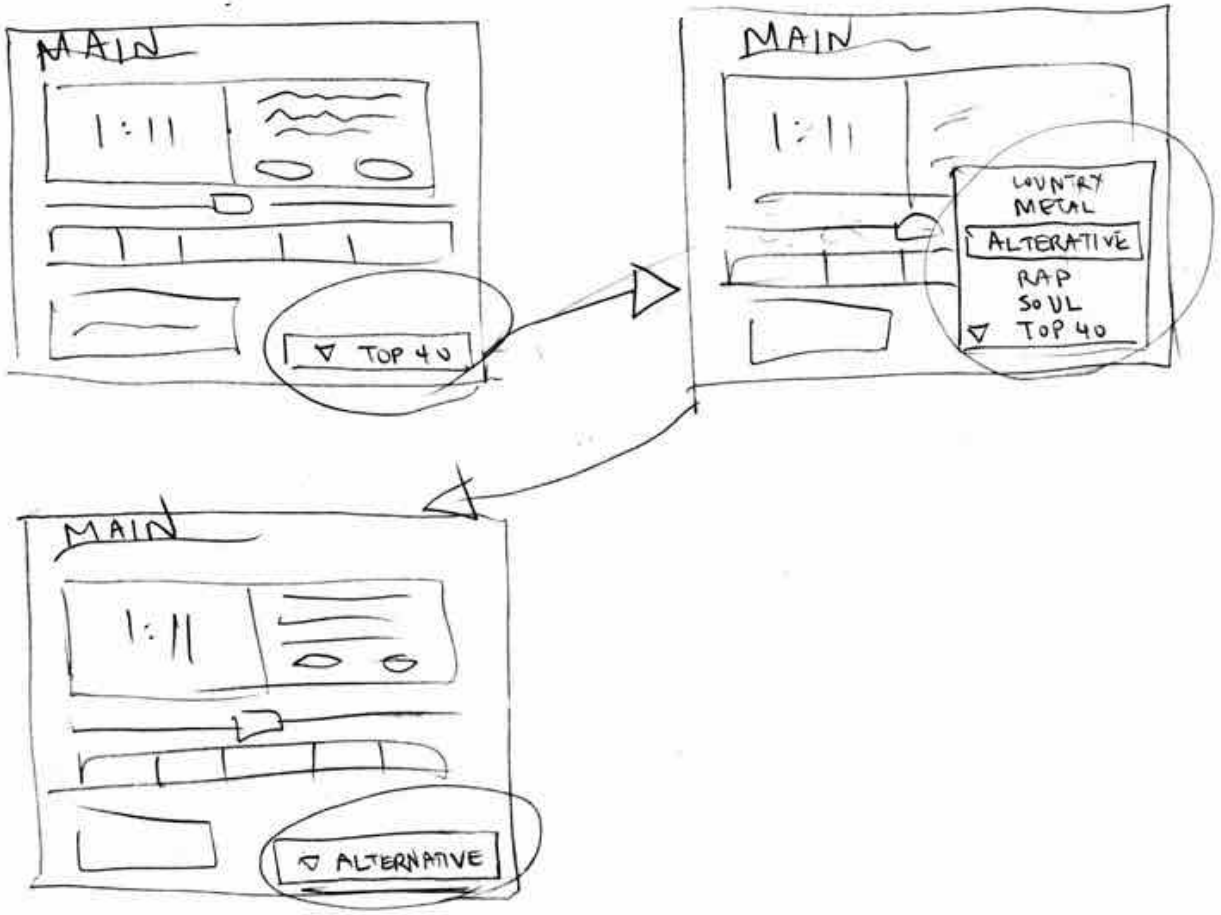
1. relax gesture
2. you choice it

10 min

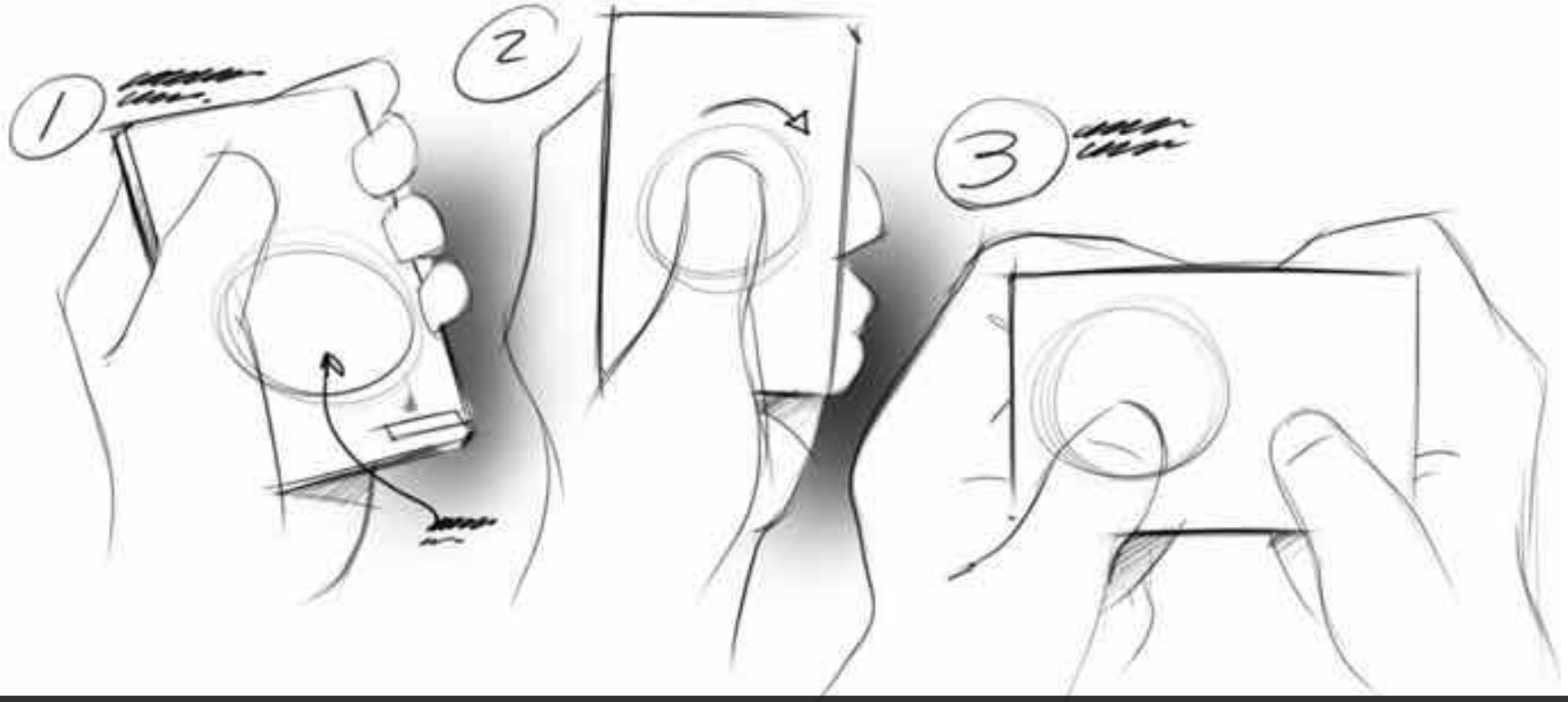
why sketching

Sketching
::allows to implement an idea
without writing codes


Sketching
Paper prototyping
Video prototyping
Functional prototyping
low-fi prototyping
high-fi prototyping

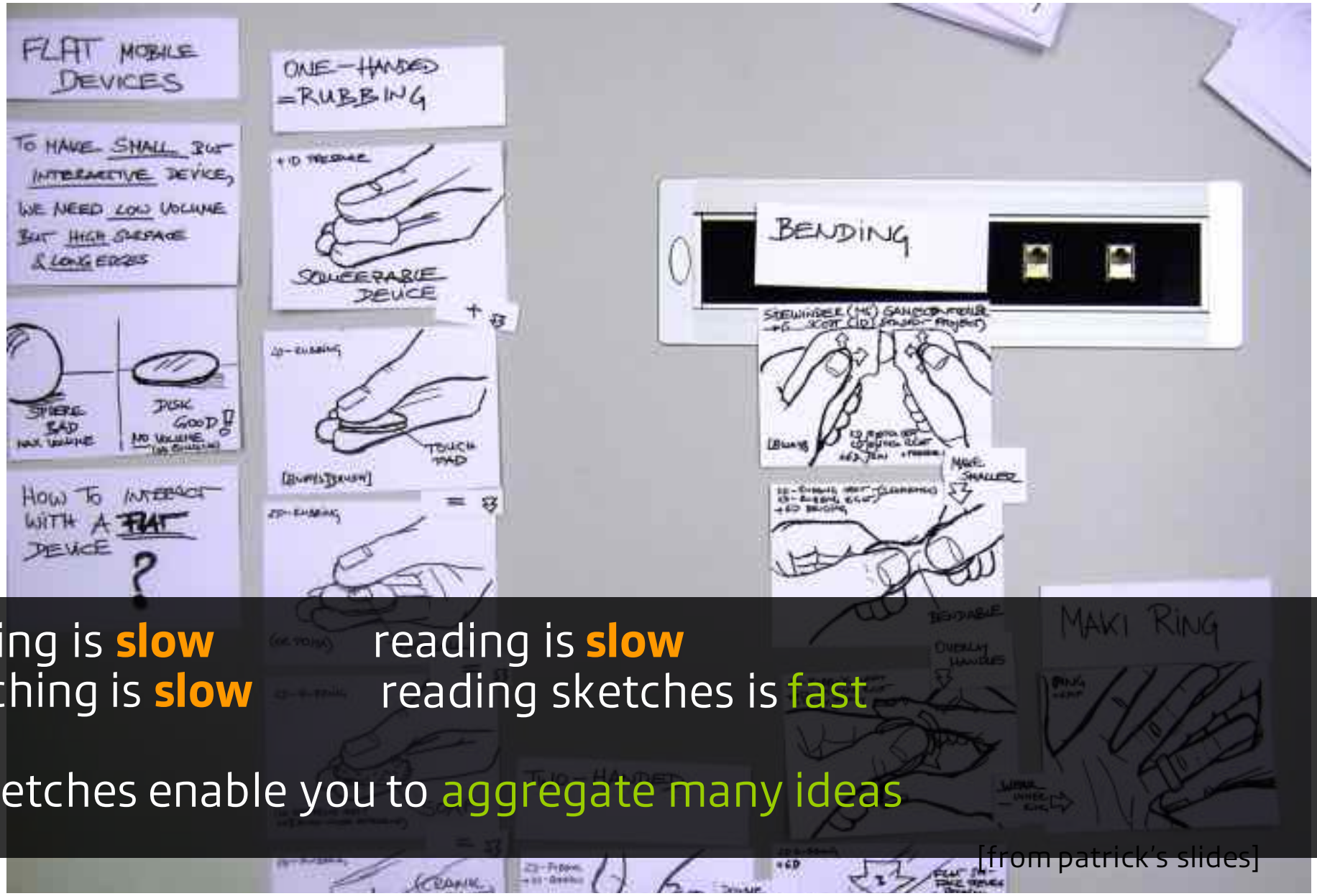

MAIN
TOP 40
MAIN
COUNTRY
METAL
ALTERATIVE
RAP
SOUL
TOP 40
MAIN
ALTERNATIVE

- why is sketching so essential for idealization / brainstorming?
  why not just write down my ideas?



- writing is **slow** reading is **slow**
  sketching is **slow** reading sketches is fast

→ sketches enable you to aggregate many ideas



•writing is **slow** reading is **slow**
sketching is **slow** reading sketches is fast

→ sketches enable you to aggregate many ideas

[from patrick's slides]

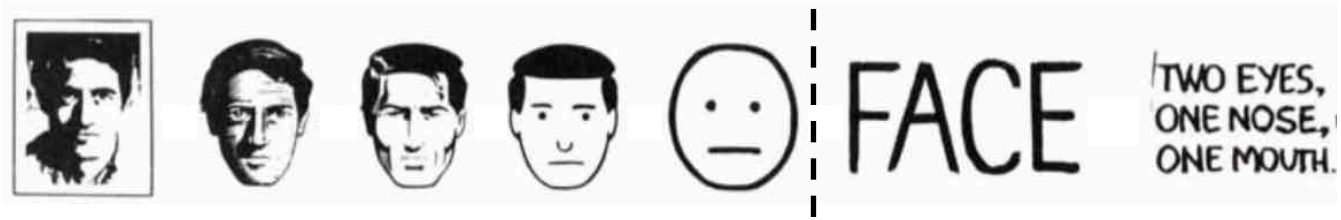
MOVIE
PRIORITY IS CSV
I don't want visual I want raw data. No idea how to download CSV file.
DOWNLOAD DATA
DATA PROV
SD. 19 of 22. V2
I want to download a shape file of my region (+ timescales)
SD. 16 of 22 V2
DOWNLOAD
I find it hard to see the box to get a CSV file. I'd also like shape files + ASCII files.
SD 16 of 22 V2
In my PhD I used data files, they are too big for Dropbox or Sharedrive. I go + get data on a hard drive. F.C. helps me to not need to travel.
SD 14 of 22 V2
I like my data as an raster format straight grid away.
P. 5 of 19 V1
Download CSV.
Scroll is complicated - doesn't work.
P. 13 of 19 V2
I'd like a visualisation that could be a massive grid that could take a couple of minutes. GIS takes too long on my little machine.
P.

Connect Dubliners to their sea legs.
Floating parks on the liffey
Create real life chat rooms dotted around the city
CHAT ROOM
Encourage more open water swimming events.
Shelters that show reeling in the years for when it rains.
Taxi drivers tales: Stories as told by taxi drivers (on cd)
Have a website rooms not met not vial
serve beer at cafés - normalising consumption of beer
Duff
Interative website linking all government departments ... aim to make the civic structure comprehensible.
Dublin Time Capsule
Kids + Adults put their hopes + dreams into a capsule to be read in 2016.
GPO
Invent a to make Spaces
Have a one tree per person initiative for Dublin
Stop announcement screen on buses.
PARNELL ST
Pavements around Dublin etched with quote + verse from Irish literaries
We are all lying in the gutter, But some of us are staring at the stars
Have free transport by produ

why reading sketch is effective,
theoretically?

Received info.
(instantaneous)

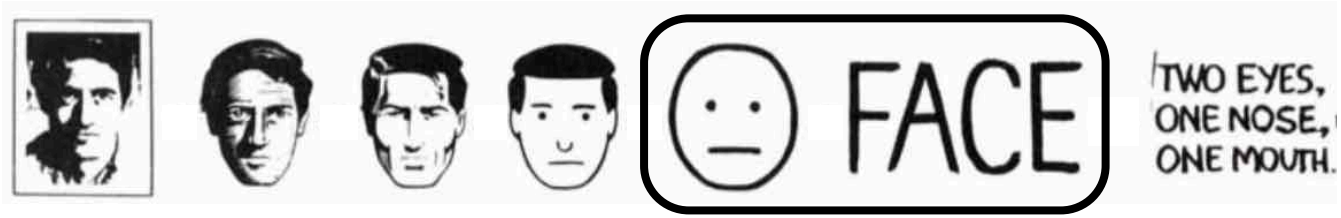
Perceived info.
(require decoding)



Received info.
(instantaneous)

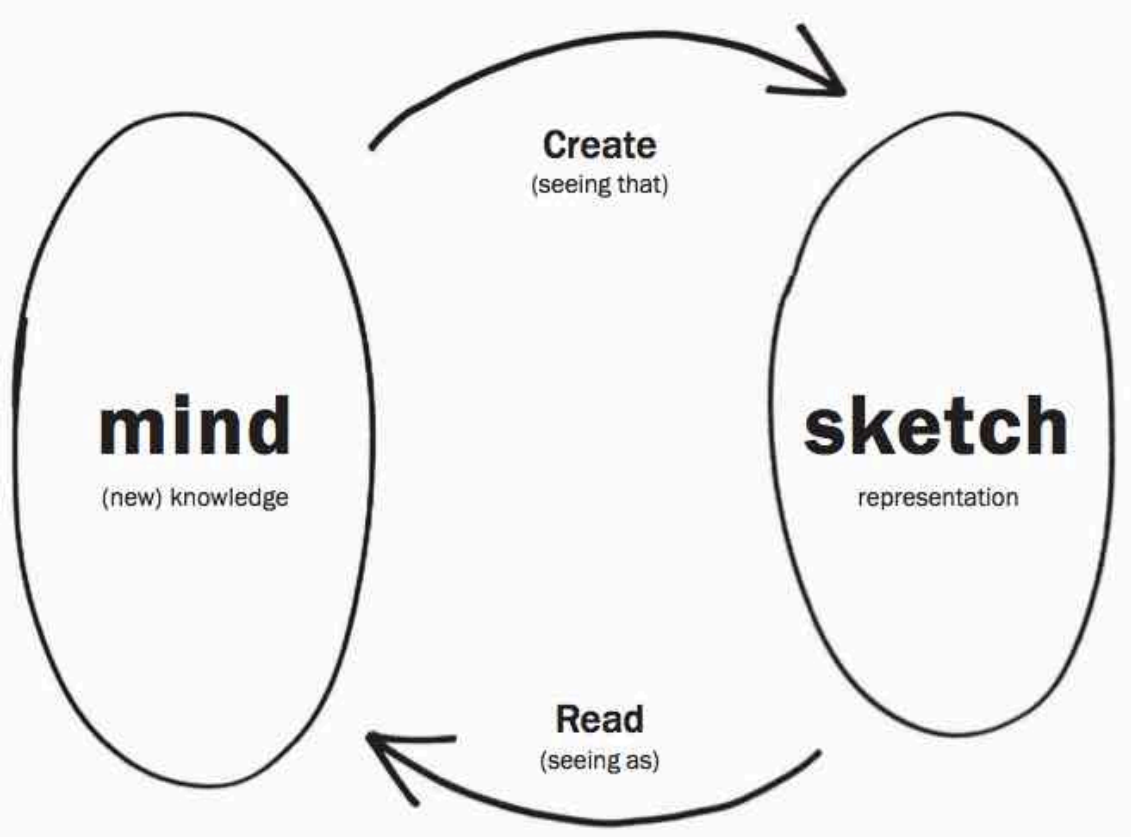
~=

Perceived info.
(require decoding)



another benefit to sketching is..

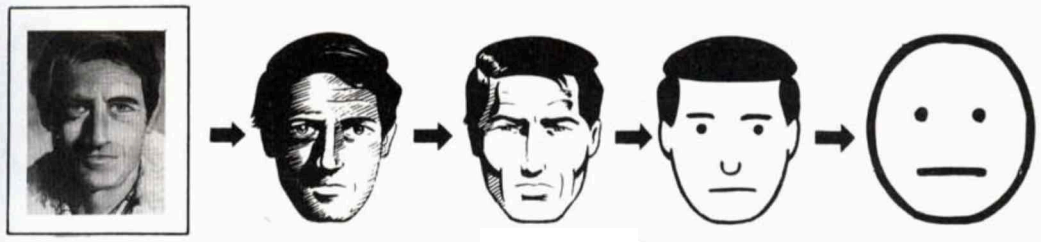
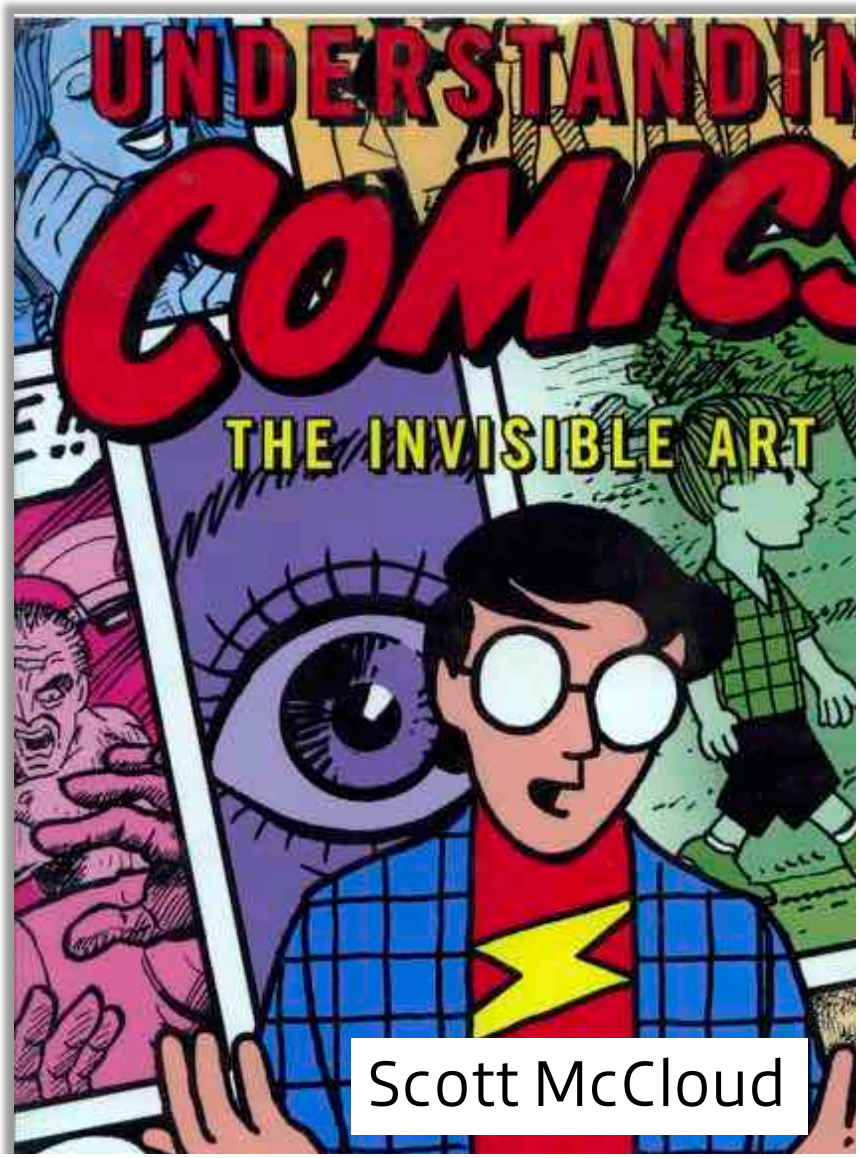
ambiguous



= allowing for double ideas

The "conversation" between the sketch (right bubble) and the mind (left bubble). A sketch is created from current knowledge (top arrow). Reading, or interpreting the resulting representation (bottom arrow), creates new knowledge. The creation results from what Goldschmidt calls "seeing that" reasoning, and the extraction of new knowledge results from what she calls "seeing as."

[Bill Buxton, sketching user experience]

open up
space for
imagination

amplification
through
simplification