Any | The shapeless mobile phone concept for the year 2020

Background: Today's smartphones merge a range of features assembled in the same body.
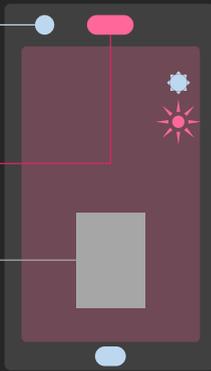These features can be divided into 3 big domains:

Inputs
Camera, Mic, Accelerometer, and other sensors.

Outputs
Speaker, screen, vibrating motor.

Process / communication
Processor, WiFi, 3G, Bluetooth.

Relevant tech evolution until 2020:
- Nanotechnology revolution
- Combination of projection + cameras to build interfaces
  - *Sixth Sense from MIT*
  - *Immersive 360° projection rooms*
- Broader range of peripheral sensors
  - *Brain / computer interfaces - Arto Nurmikko and Ming Yin*
- Customized manufacture by advanced 3D printing
- Advanced cloud storage / computing

Rise of the hardware app: Assets available as high-tech **modules** that communicate with the processor wirelessly. This shift allows a variety of designs in taking **any** shape based on the same hardware.
Allowing people to download and manufacture their own shells using advanced 3D printing.
Powerful interactions between gestures, cameras, projections and brainwaves creates new interfaces.

Camera + Projection
Creates projected interfaces at any surface and different sizes - from a phone to a tablet or laptop

Speaker

Accelerometer

Vibration
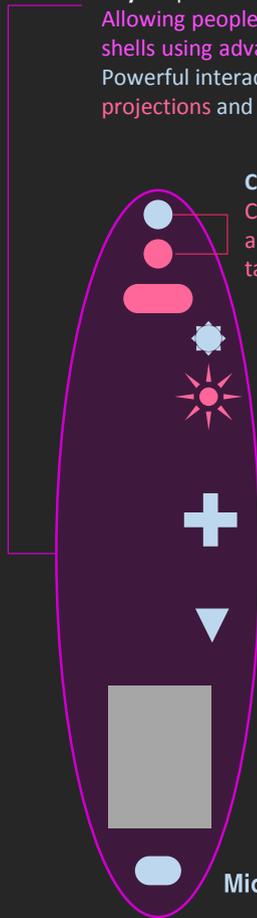
New Inputs:

Health
Scans different parts of the body gathering data about user's heath.

Mind
Reads brainwaves as part of the interface.

The Hub
Collect and process all the information from inputs and giving feedback by outputs accordingly. Synchronizes with the cloud to keep all data safe.

Mic

Sarah, 28 | Brazilian Advertisement Executive
Hidden devices embedded to clothes and accessories. Camera, speakers and mic and mind module build in her designer spectacles. Hub and health monitor on stylist watch.

David, 26 | German Adventurer / Filmmaker
Document his trips around the world producing videos shoot in POV (point of view) using his camera modules as eyebrow piercings. Mic and speakers are also piercings on his mouth and ears. Health monitor and hub located at a belt under his cloths.

Shebli, 47| South African Operation Manager
At 45 suffered a heart attack due to his stressful lifestyle. Since the incident needs to monitor his health condition and share the data with his doctor.
Use the other parts assembled mobile phone case from a motorcycle company.

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