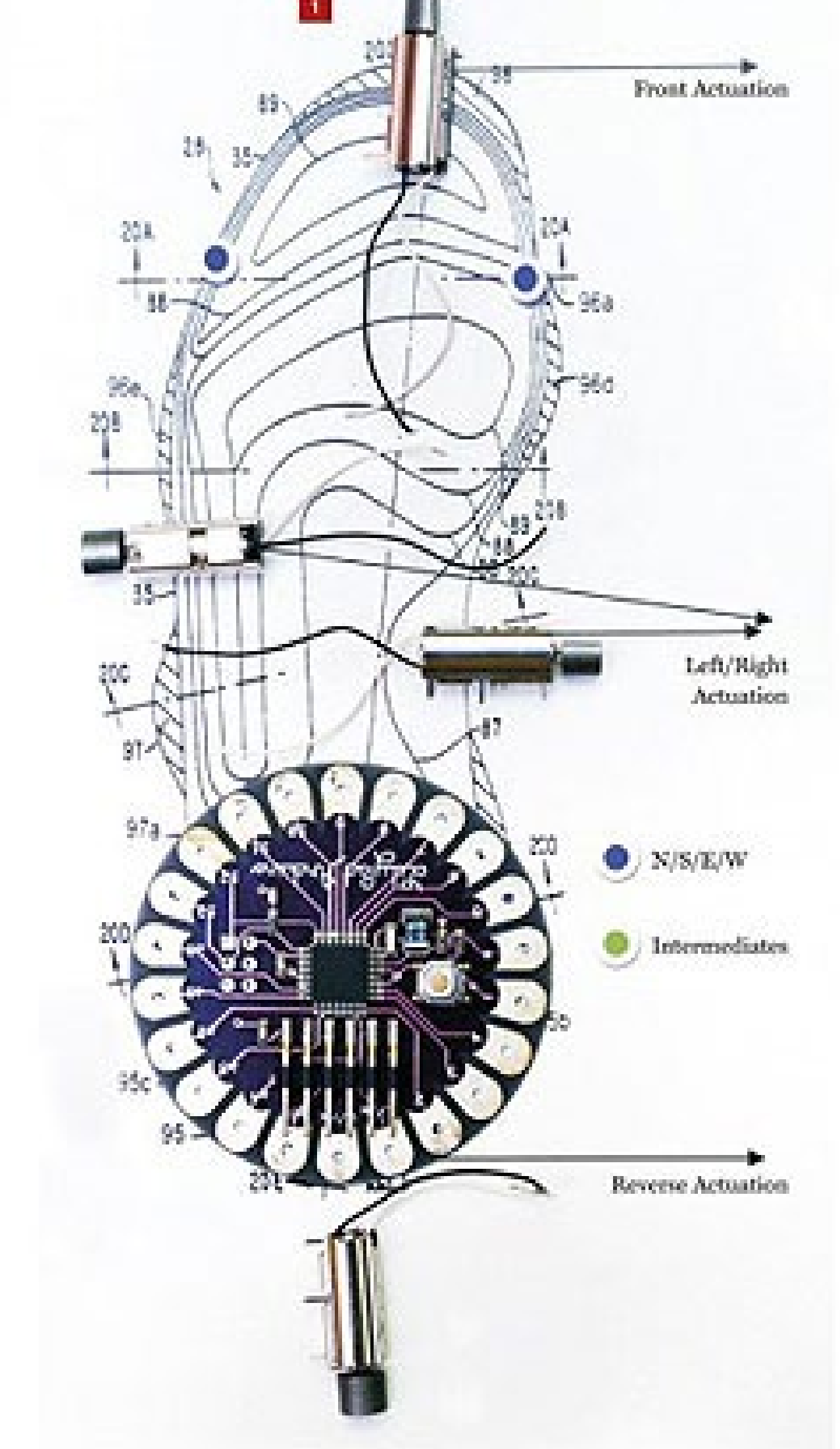


(a)



(b)



HI-TEC
NAVIGATOR +
LECHAL



HI-TEC SHOWS YOU THE WAY

INTRODUCING THE HI-TEC NAVIGATOR, IN ASSOCIATION WITH LECHAL.
 THE LEFT AND RIGHT SHOE VIBRATE YOU TO YOUR DESTINATION.
 LETTING YOU FOCUS ON THE WORLD AND THE BEAUTY AROUND YOU,
 WHILE CONNECTED TO YOUR SMARTPHONE.




JOHNS HOPKINS
 SCHOOL of MEDICINE

 **Innovators Under 35**

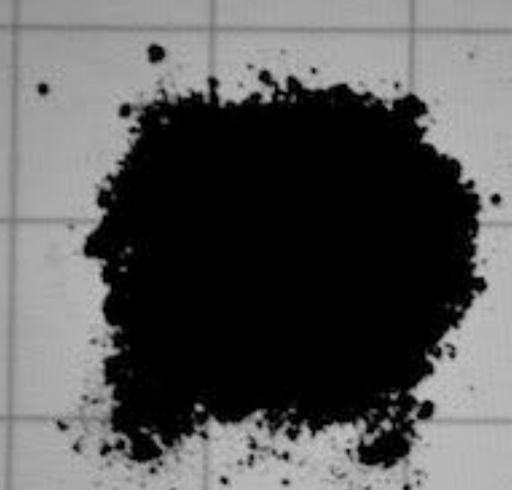
TEDMED

- Launched in 2011 at TED.
- 1 M units released across APAC and EU
- Blind Navigation, fall prevention, Gait Analysis

 **EMERGING TECHNOLOGIES**
 CONFERENCE at **EXPO**



Post tailpipe Particulate Matter Samples | via KAALINK



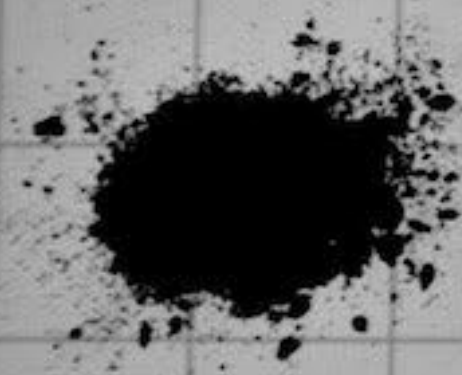
Taxi- 3 years- 1364 cc



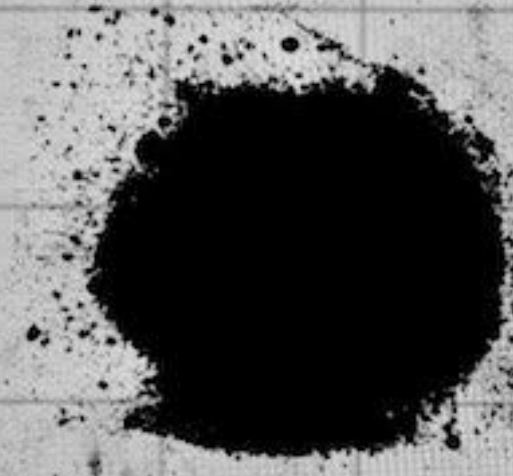
Truck- 4 years- Cummins B 5.9



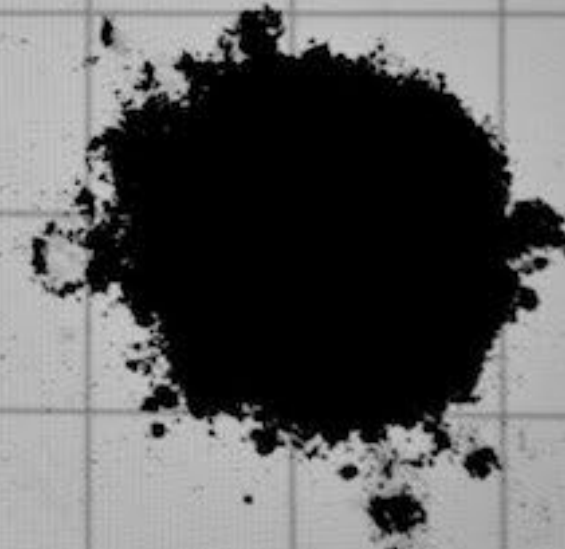
Petrol SUV 6 years- 2092 cc



Motorcycle- 5 years - 350cc



Etios Taxi- 4 years- 1364 cc



Diesel Generator- 3 years- K50

Pre-purification| Handle with caution.

Samples collected in Delhi, Bangalore and HK for equal runs



1L of AIR-INK is made by recycling
23-45 hours of diesel vehicle air
pollution into ink

AIR-INK grades available in market **Advanced grades (future)**

- Fabrics/Apparel
- Packaging
- Offset(News/Books)
- Writing Instruments

- Automotive
- Digital printing

AIR-INK addresses **two** major global problems at once

1. Air and landfill pollution

It neutralizes the carbon emissions

2. Industrial sustainability

helping print industry significantly cut down its carbon footprint (by replacing carbon-black)

Awards and Features



TED Main 2017

[TED talk](#)



Foreign Policy Top
100 Global
Thinkers Award 2016,
Washington DC



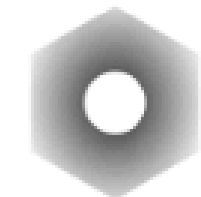
Forbes 30 Under 30



Shell 'Make the
Future' Singapore



Cannes Lion
Innovation Gold -
AIR-INK



Forbes D&AD
Graphite Pencil for
Packaging Design
Under 30



Edison Awards
Bronze 2018
For Resource Re-use



London Design
Museum Award



Smithsonian
Institute

[Limited Edition retail at
Cooper Hewitt Store,
NYC. Visit.](#)

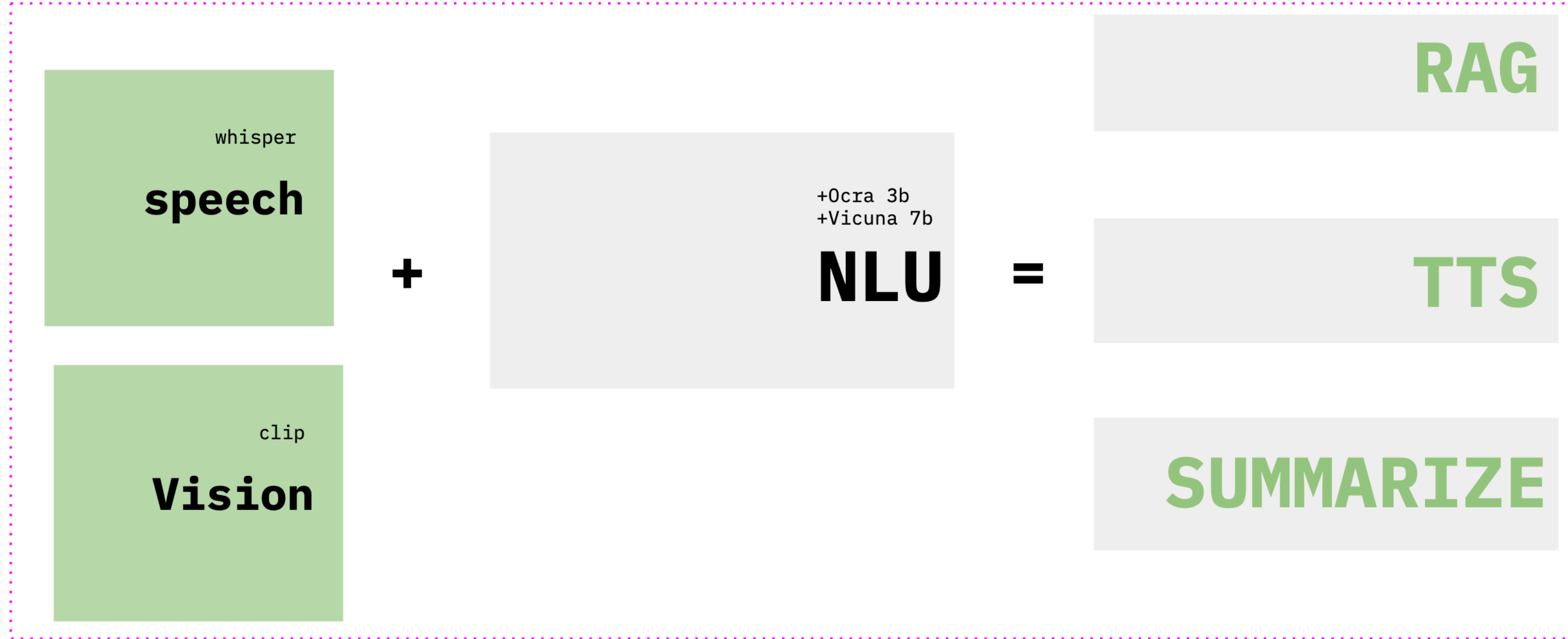
brewed in the UK
drinkaware.co.uk
for the facts



**THIS ART IS PAINTED
WITH AIR POLLUTION**

CREATIVITY FROM THE STREETS, FOR THE STREETS.
#UNCAGED REAS AT TIGERBEER.COM/AIR-INK





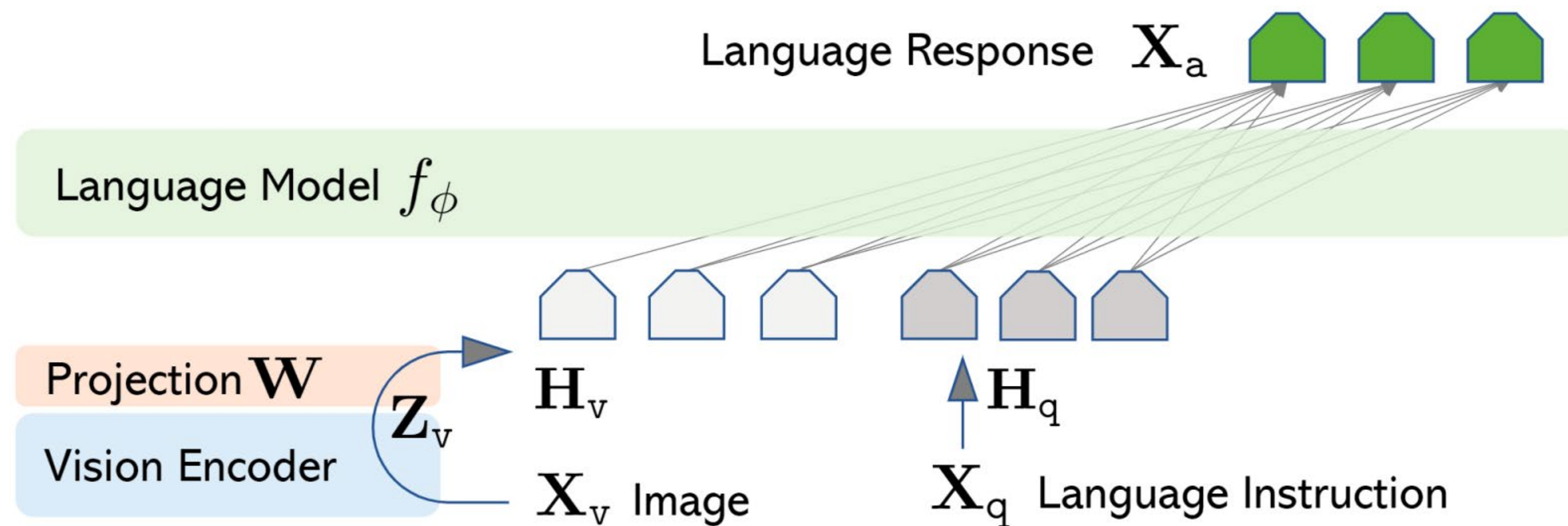
+ **Talk to Structured Data**
+ **Ask a car about "how to fix it"**

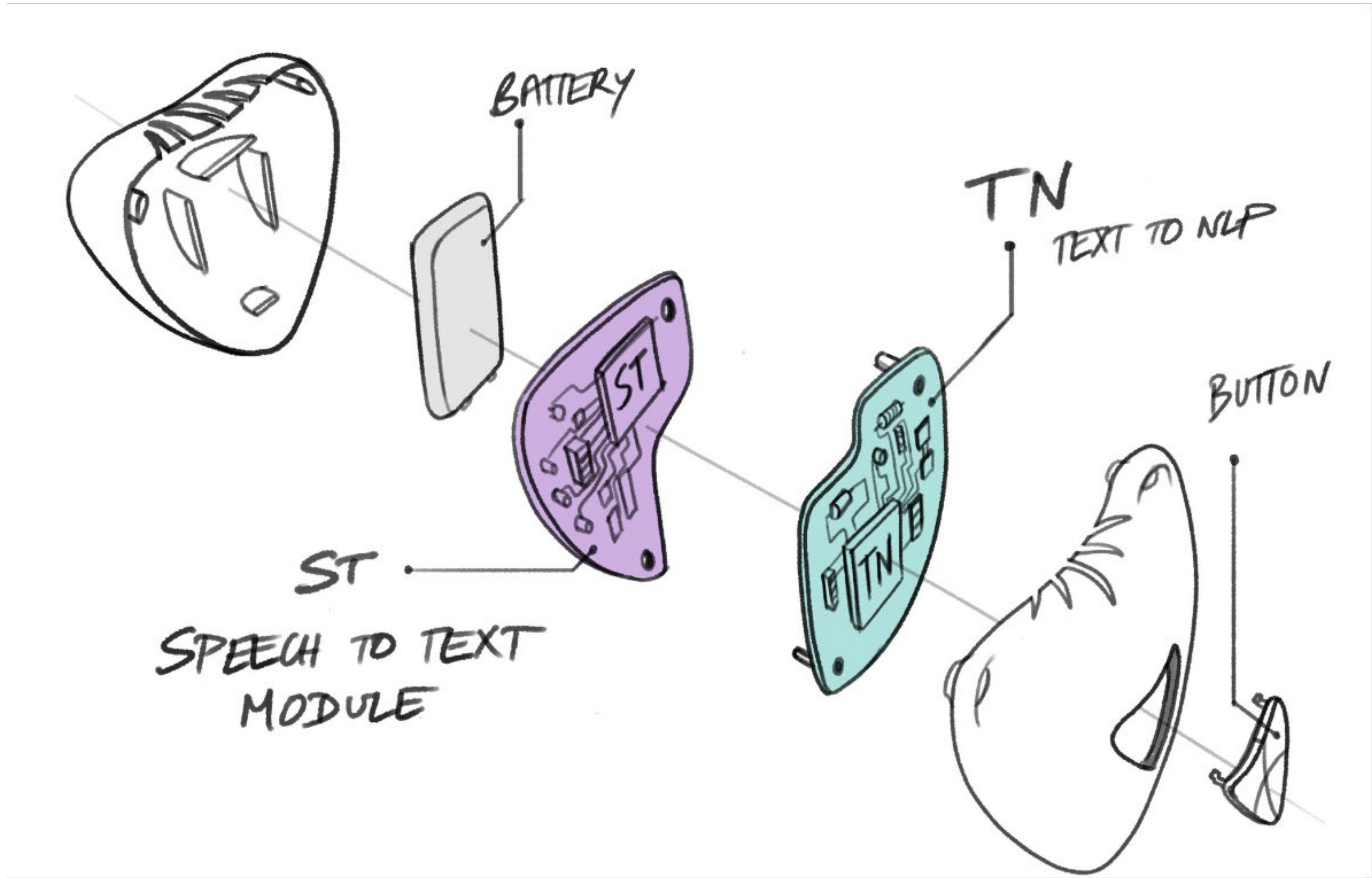
+ **Speaking robots**

+ **Memory Augmentation**




zero-shot capabilities on multimodal tasks in the language domain



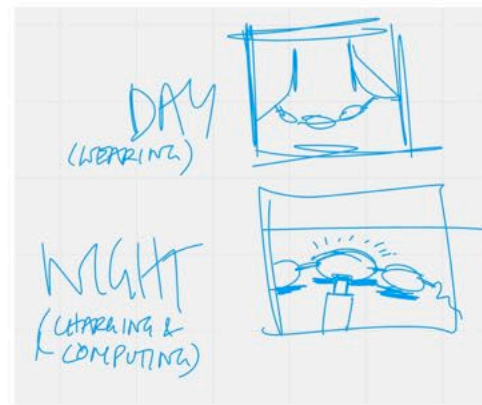
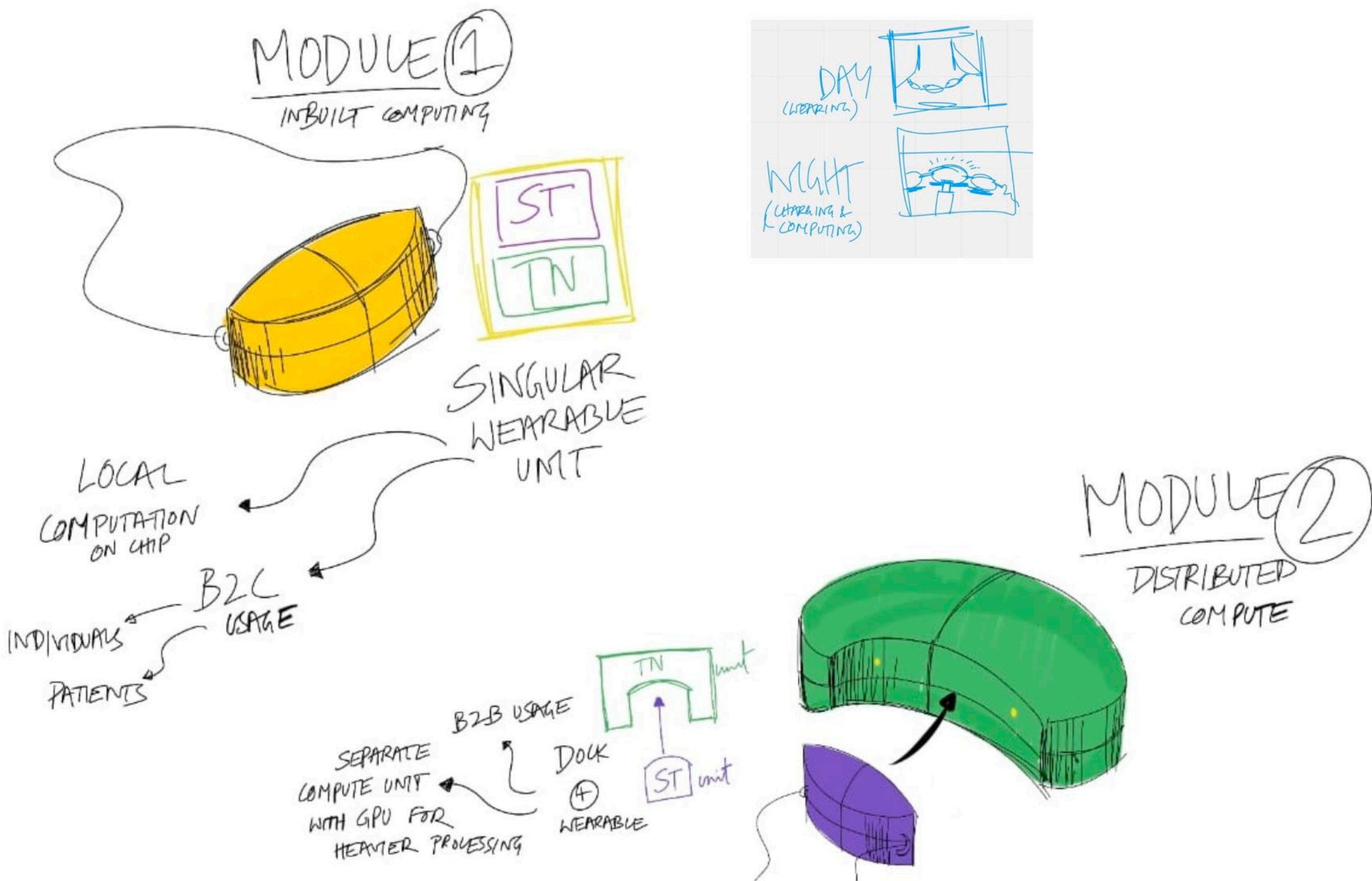


Always on **ambient** sensors that gather rich user context





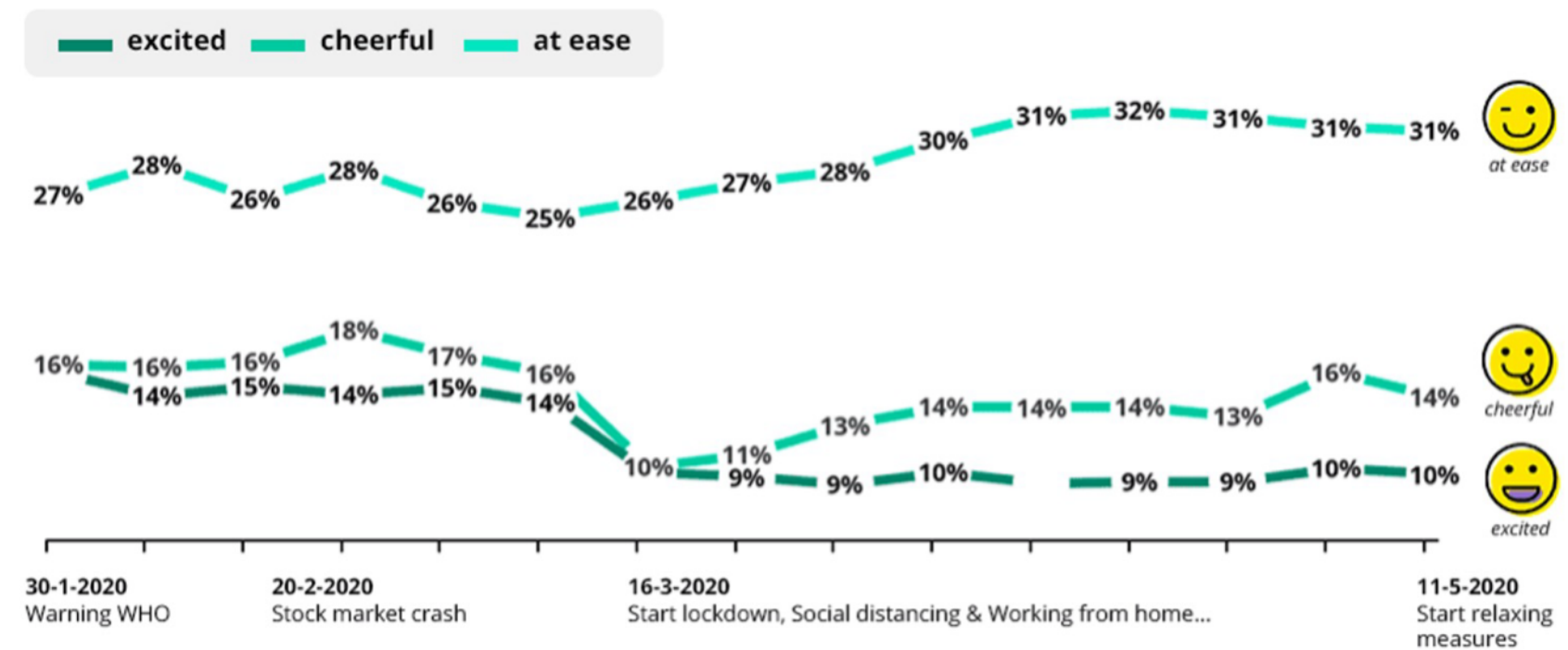
Turning it into **summaries** and
highlights of the day

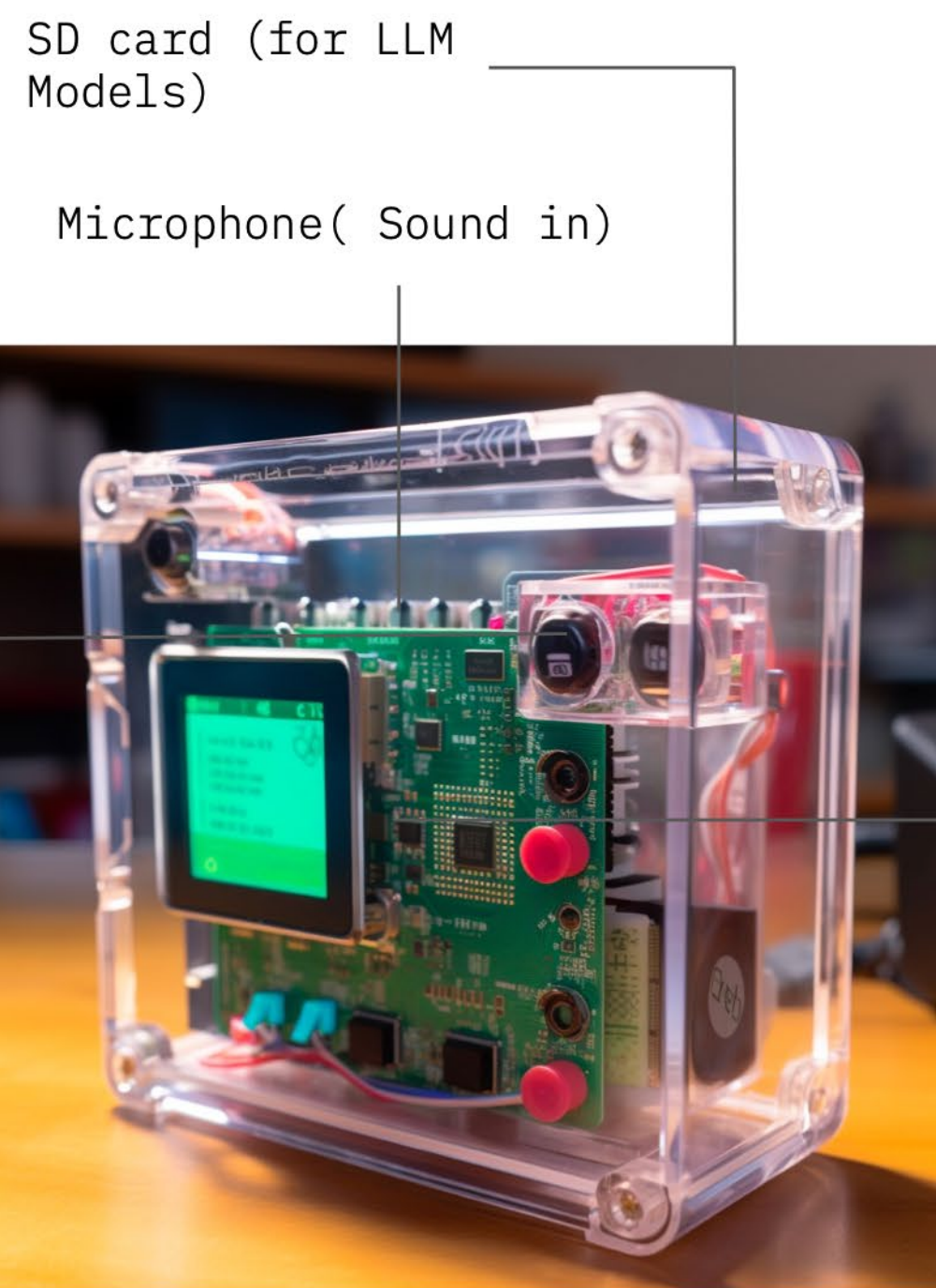


Ambient sensing



Actionable summary





Push to talk (v0.1)

```
python3
oppenheimer_gpt
oppenheimer_gpt
ersonas/Mamba
File "/opt/homebrew/Cellar/python@3.11/3.11.4_1/Frameworks/Python.framework/Versions/3.11/lib/python3.11/http/client.py", line 279, in _read_status
  line = str(self.fp.readline(_MAXLINE + 1), "iso-8859-1")
File "/opt/homebrew/Cellar/python@3.11/3.11.4_1/Frameworks/Python.framework/Versions/3.11/lib/python3.11/socket.py", line 706, in readinto
  return self._sock.recv_into(b)
File "/opt/homebrew/Cellar/python@3.11/3.11.4_1/Frameworks/Python.framework/Versions/3.11/lib/python3.11/ssl.py", line 1278, in recv_into
  return self.read(nbytes, buffer)
File "/opt/homebrew/Cellar/python@3.11/3.11.4_1/Frameworks/Python.framework/Versions/3.11/lib/python3.11/ssl.py", line 1134, in read
  return self._sslobj.read(len, buffer)
```

<https://vimeo.com/856527711>

Form for Rockchip rk3588b, display in case text output as well for debug





Share your feedback on this session

Scan the QR code using your smart phone camera

