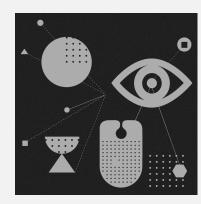
# ULTRA 3 **SENSING BEYOND SCREENS**



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Project Ultratool / SoSe 24 . 6 . 2021



# POSTHUMAN FUTURE

"...We can and should use technology to augment our bodies and our minds; we can and should merge with machines, remaking ourselves..."

-----< To Be a Machine >> by Mark O'Connell



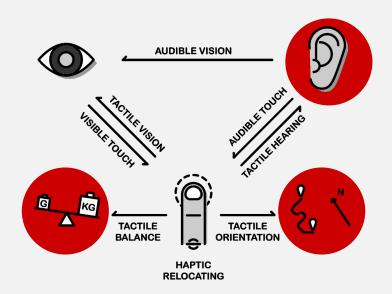
## THE

## **ULTRA** TOOL

## **IS YOU**

We believe it is our basic human right to be able to upgrade ourselves, and to develop and leverage the fundamental technologies that enable the next phase of intelligence.

NETWORK	>	DISPLAY	>	UNDER- STANDING	>	YOUR BRAIN	FUTURE INTERACTION
NETWORK	>	VOICE ASSISTANT	>	UNDER- STANDING	>	YOUR BRAIN	IS SENSORY
NETWORK	>	SENSORY DEVICE	>	YOUR BRAIN			We believe the future of the human race will allow us to opt out of natural perception, our very survival as a species depends on it.  We won't allow us to be limited by the tiny screens we hold in our hand.



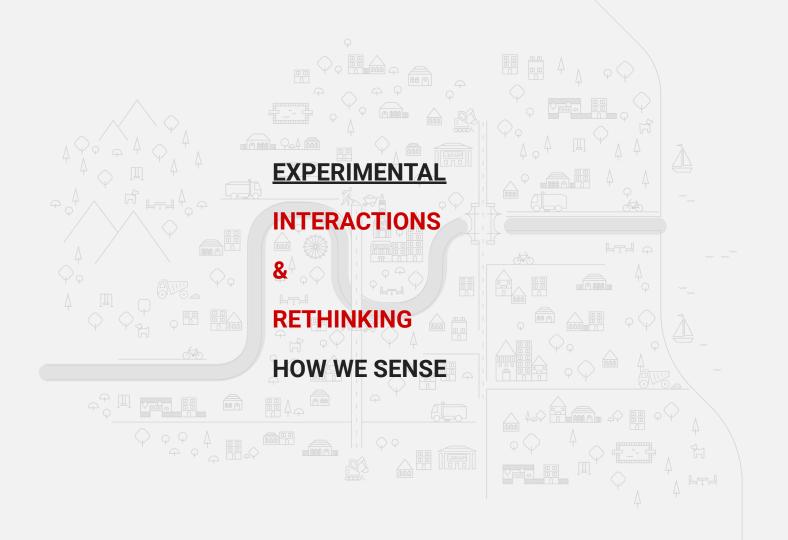


CASUAL **WAYFINDING** AWARE OF **TRAFFICS** 



CITY EXPLORING

NAVIGATING **SAFER** 



#### **CONCEPT / RESEARCH**







### **ENTHUSIAST**

Riding traveller 32, Chinese / WeiNan

with segments. Max. 200km a and rural / unknown communi

Bike with 26" rim sport bike, with allroad tyre. Equiped: waterbottle holder, backpack rack, GPS attached

#### handle with phone holder, front RIDING PREFERENCE

Prefer lightweicht gears. Quick dry clothing Wirless earphone / with easier access(no airpods)

NAVIGATION SETUPS With smartphone, check direction before entering highways / bridges. Check nevination when altitude changes(mountain to field). Check navigation after passin





you know you shouldn't, and you think it's safe to check the phone at a constant speed, but it's not. Traffic is stressing on some highways or in the city.

1, How do you usually get around?

ooking down your phone to navigate
distractions by phone calls and texts
entrying to concentrate on multiple things while riding
be dazzled by the sun

9, Have you ever seen something that helps you navigating more easily?

10, In which of the following ways would you consider let us help you to get directions through?

it's hard to hear things on the road sometimes /

Vision problems
Other cars don't notice you

Through better vision Through audio

□Yes, when I listen to voice instructions Yes, when I try to remember the rout before I go on the ride
| Not really, I prefer to just check my phone often Yes, I have a phone stand



**PERSONA** 

#### **WORK AND** TRAVEL

"I Ride to get to work but also around the city, I always ride" Jorden, 26. Tel Aviv

#### OPINION

"I ride my sopoter every day to work, I navigate mainly after work to meet friends and run some errands."

" Navigation is a big part of my daily routine especially because not on every road your allowed to ride a scoote know it's a bit risky but I stop

#### REASONS FOR ME TO ENGAGE WITH YOU

I ride daily around the city, I always use the navigation if I'm not familiar with the route. 2, I sometimes get confused while riding especially during the day when it's hard to see

3, I don't always feel safe to stop and check my phone while riding, it's not an ideal

#### REASONS FOR ME NOT TO ENGAGE WITH YOU

1, I already have a phone.

2, I'm not always good with complicated technology evolving.

" Since TLV is a small city, I usually get from point A to B within 15 min maximum, I do tend to stop between 1 to 2 times to check the routies, most times I'm not in a rush so I'm fine with stopping, but eventually, time is money, and renting a scooter is super convenient to get around but not the cheapest."

#### MY PERSONALITY



always wear a helmet. Lusually listen to instructions but sometimes it's a delay therefore I check my phone if I have no choice. I wish for a continuous ride.

I rent "Rird" scooter Wearing: helmet, airpods, Leptop bag





6, How often and when do you stop your bike/scooter and check the phone?



9, Have you ever seen something that helps you navigating more easily?

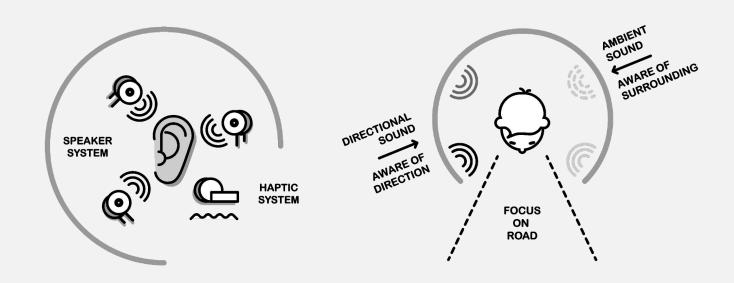


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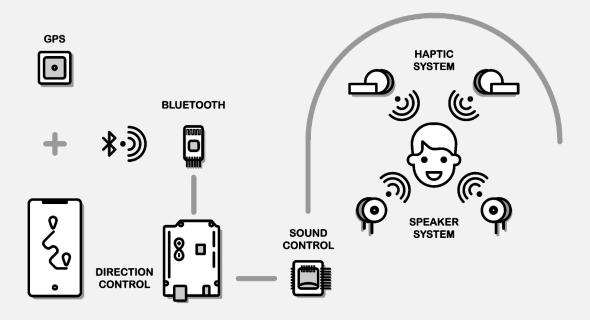
10, In which of the following ways would you consider let us help you to get directions through?



### **CONCEPT / RESEARCH**



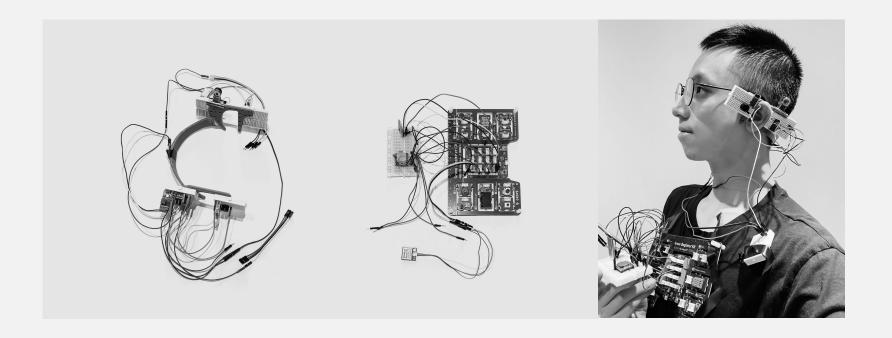
### PROTOTYPE 1.0 / PLAN



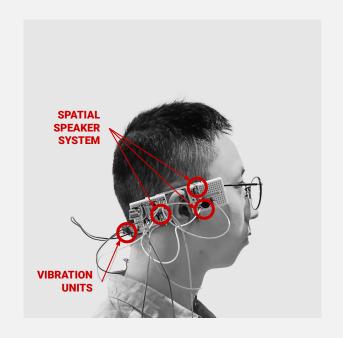
#### **PROTOTYPE 1.0 / EXPERIMENT**

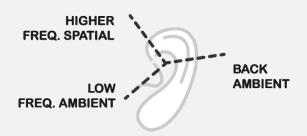


### PROTOTYPE 2.0 / STRUCTURE



### PROTOTYPE 2.0 / STRUCTURE

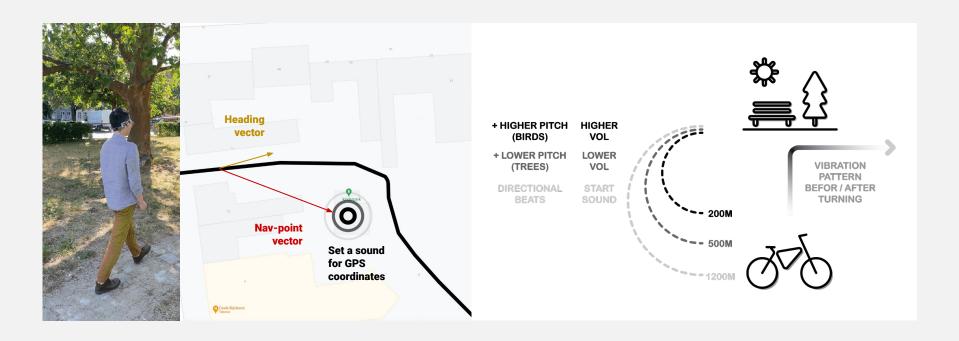




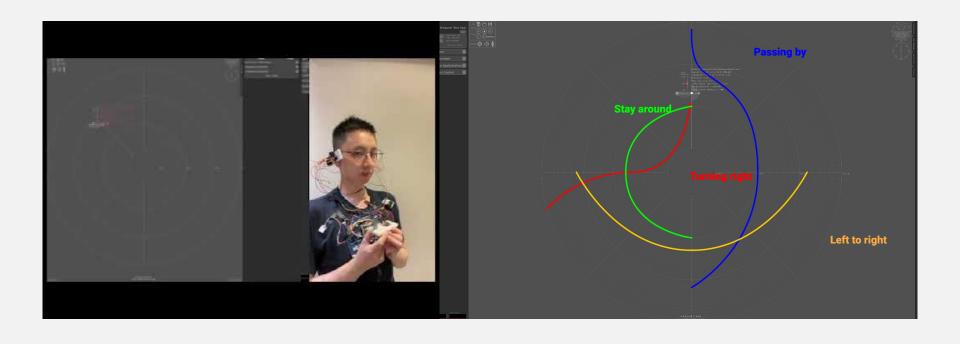
By controlling the sound properties and simulate how sound transmit into the ear, we can greatly improve our sense of direction.



### PROTOTYPE 2.0 / SOUND INTERACTION

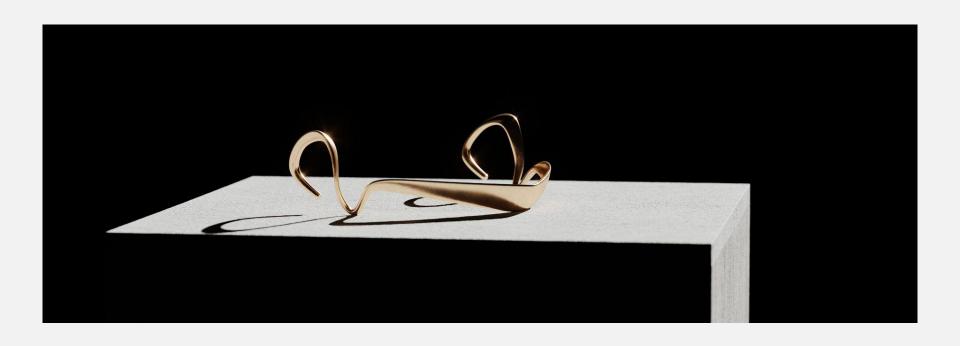


### PROTOTYPE 2.0 / SOUND INTERACTION



### PROTOTYPE 2.0 / FORM

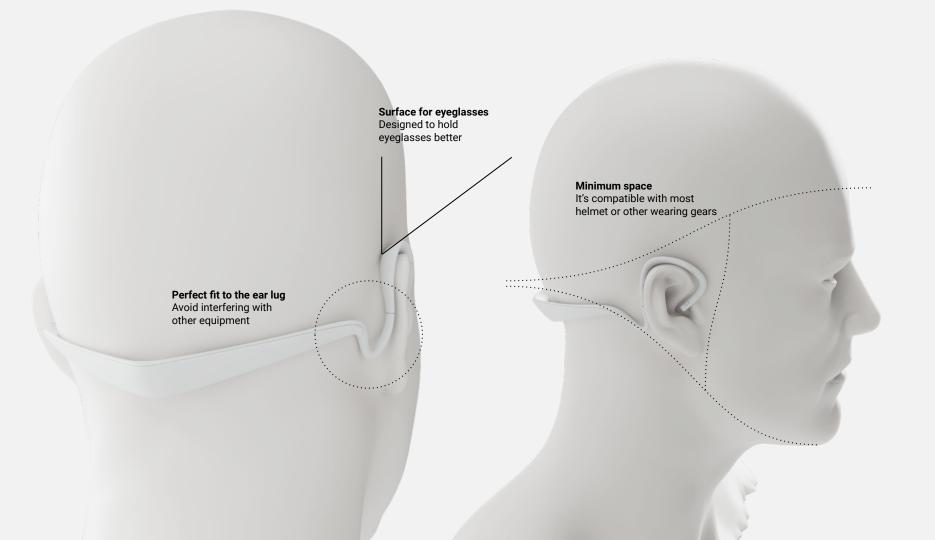
















A WHOLE NEW

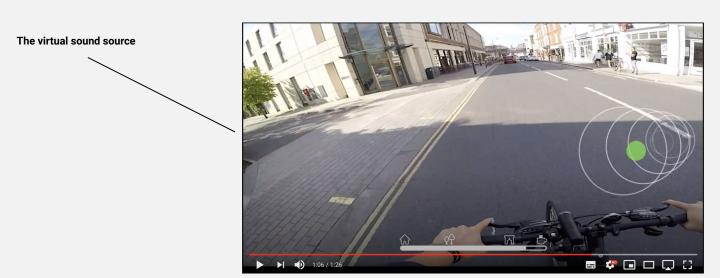
**EXPERIENCE OF** 

**TRAVELLING** 

AND

**EXPLORING** 

#### PRODUCT / USAGE



NOW YOU CAN WATCH OUR DEMO VIDEO

LINKS IN THE CHAT

https://www.youtube.com/watch?v=GHs1OPLeuVg

### PRODUCT / INTERFACE











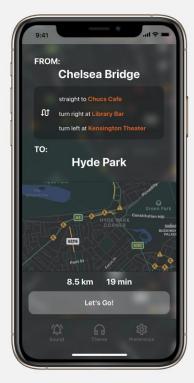
Login Page

Map Page

Search Page

**Navigation Page** 

### PRODUCT / ROUTE SETTING



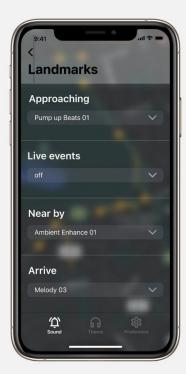
AHEAD: Hyde Park 3min 0.3 km Hyde Park Pavillion and Grounds The P Institut Sikorski Mu: Embassy of Tunisia Afghan Emba

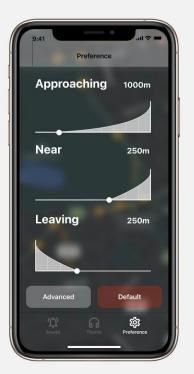
Search Page

**Navigation Page** 

### PRODUCT / SOUND SETTING

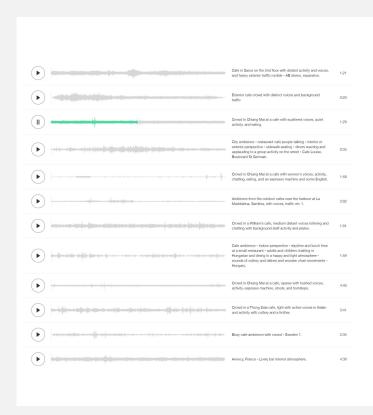






Sound Theme Sound Setting Preference

### PRODUCT / SOUND LIBRARY







# THE END THX

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