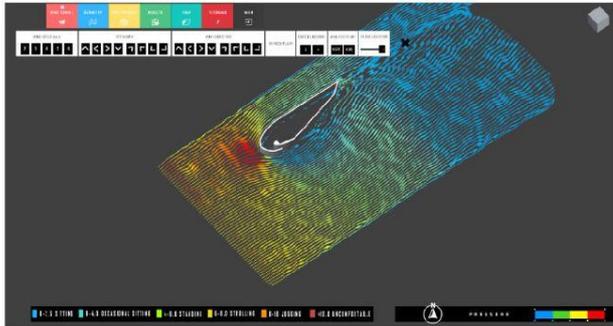
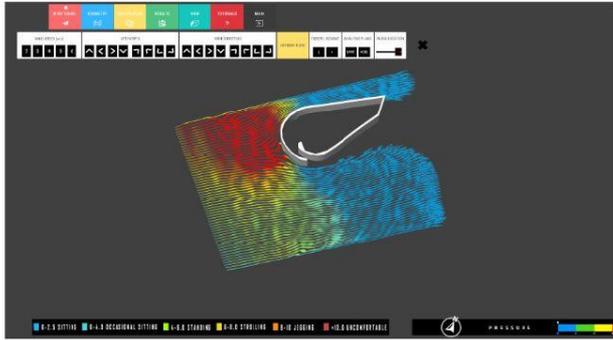


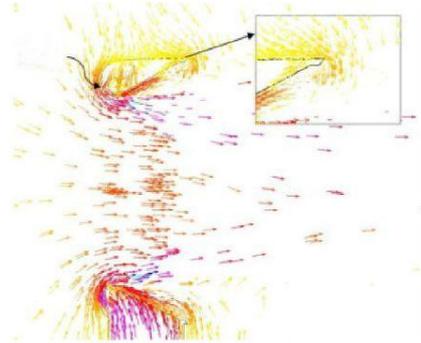
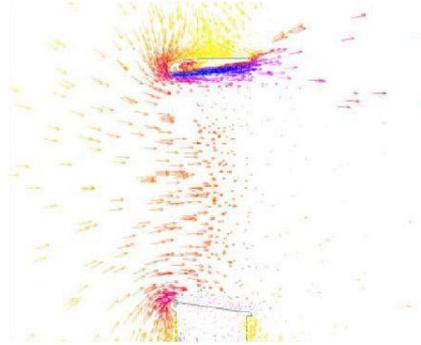
Fall 2020

Michael Bell

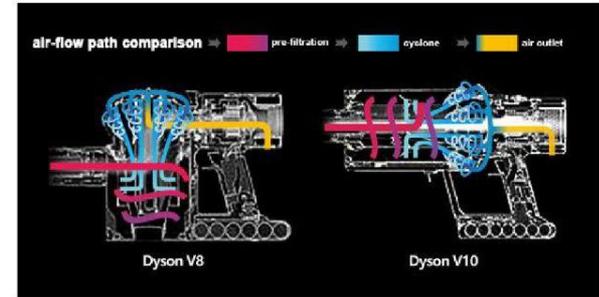
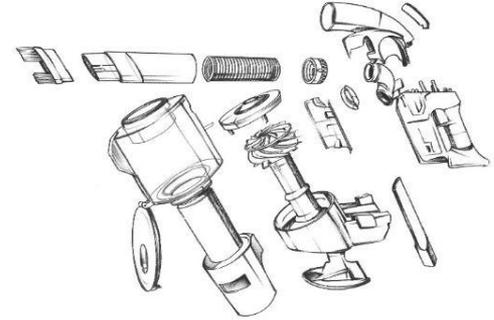
simulation to test curvature that have the better airflow



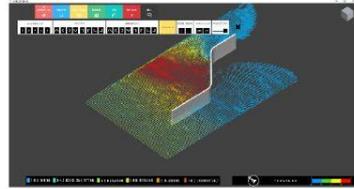
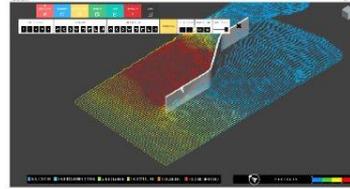
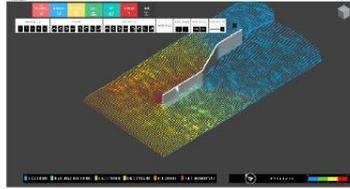
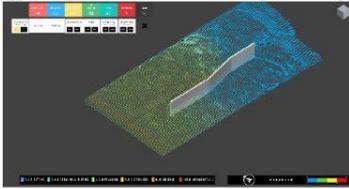
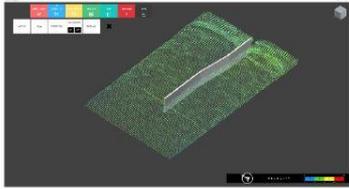
Testing coroda effect that have the most negative air pressure system



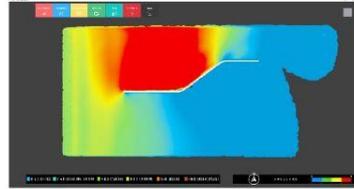
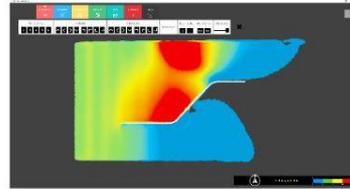
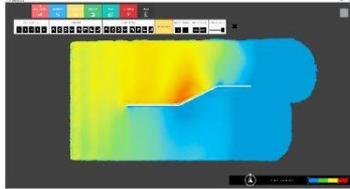
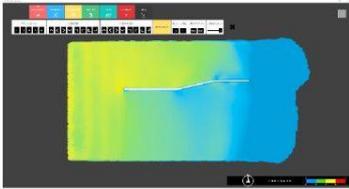
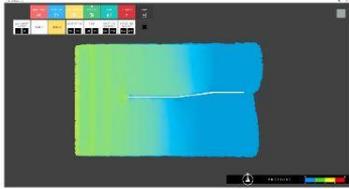
Different parts with different functions that are assembled to create a optimized system



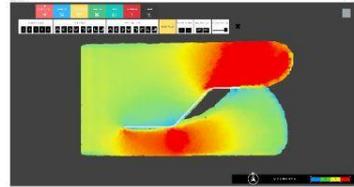
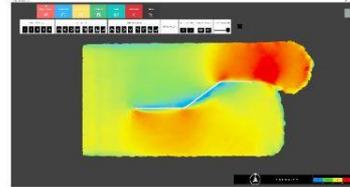
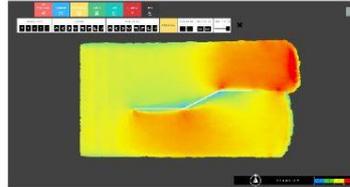
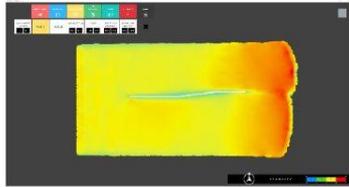
## Archidynamic air flow simulation



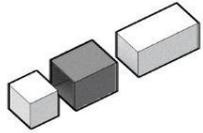
## Pressure air flow



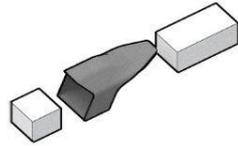
## Pressure gradient



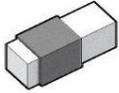
## Air velocity



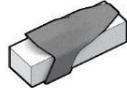
Three individual parts



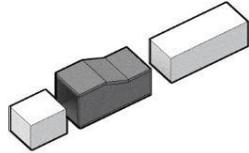
Optimized for for fabrication and air



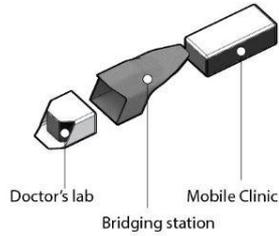
Assembled parts



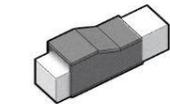
Bridging station to connect two parts



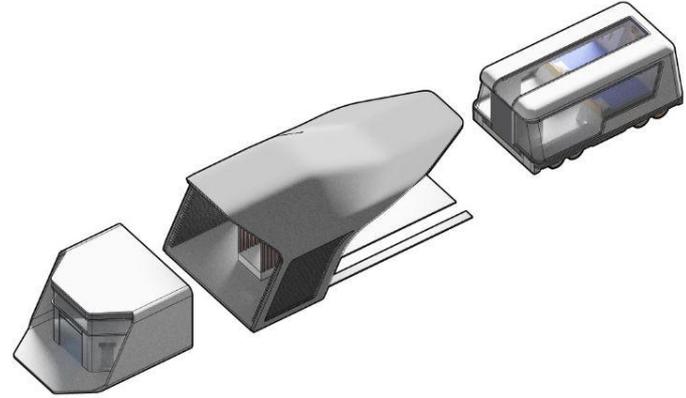
Applied curvature for negative air pressure



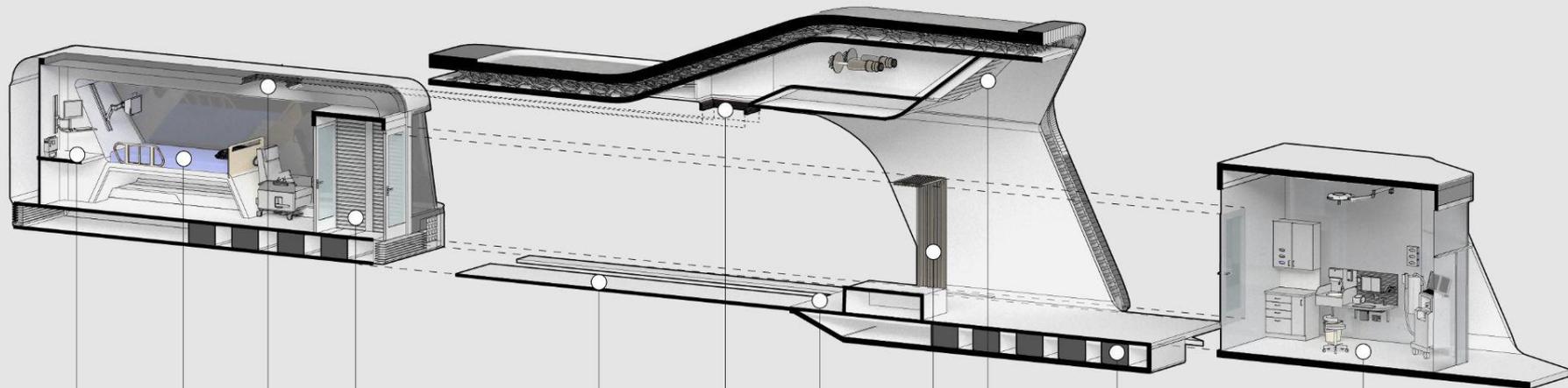
Assembled clinic



Bridging station to connect two parts



Attachment and detachment of mobile clinic station



Preliminary  
exam office

Patient's  
bed

Vent  
connect-  
ing bridge

Sanitizing  
room

Sliding Rail

Exhaust  
intake  
vent

Docking  
station

Connecting  
Bridge

Exhaust  
output vent

Charged Battery

Doctor's lab



Contaminated space

Air being pulled out of contaminated space

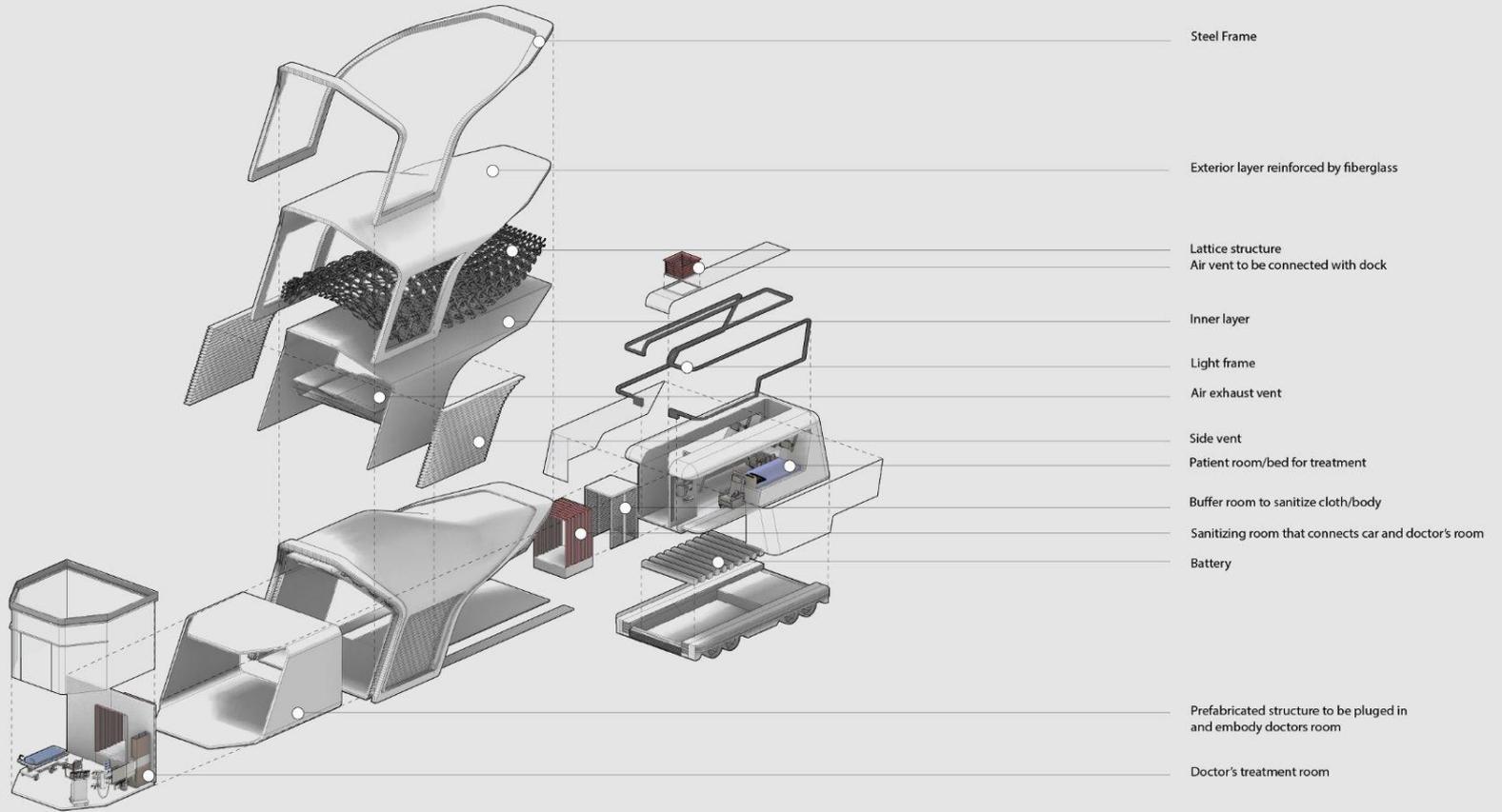
Semi-contaminated space with filtration

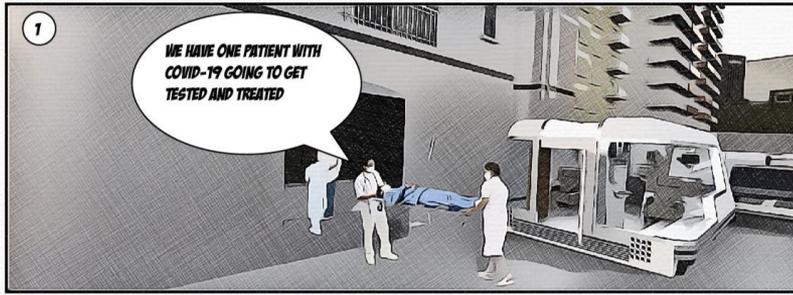
Filtering contaminated air

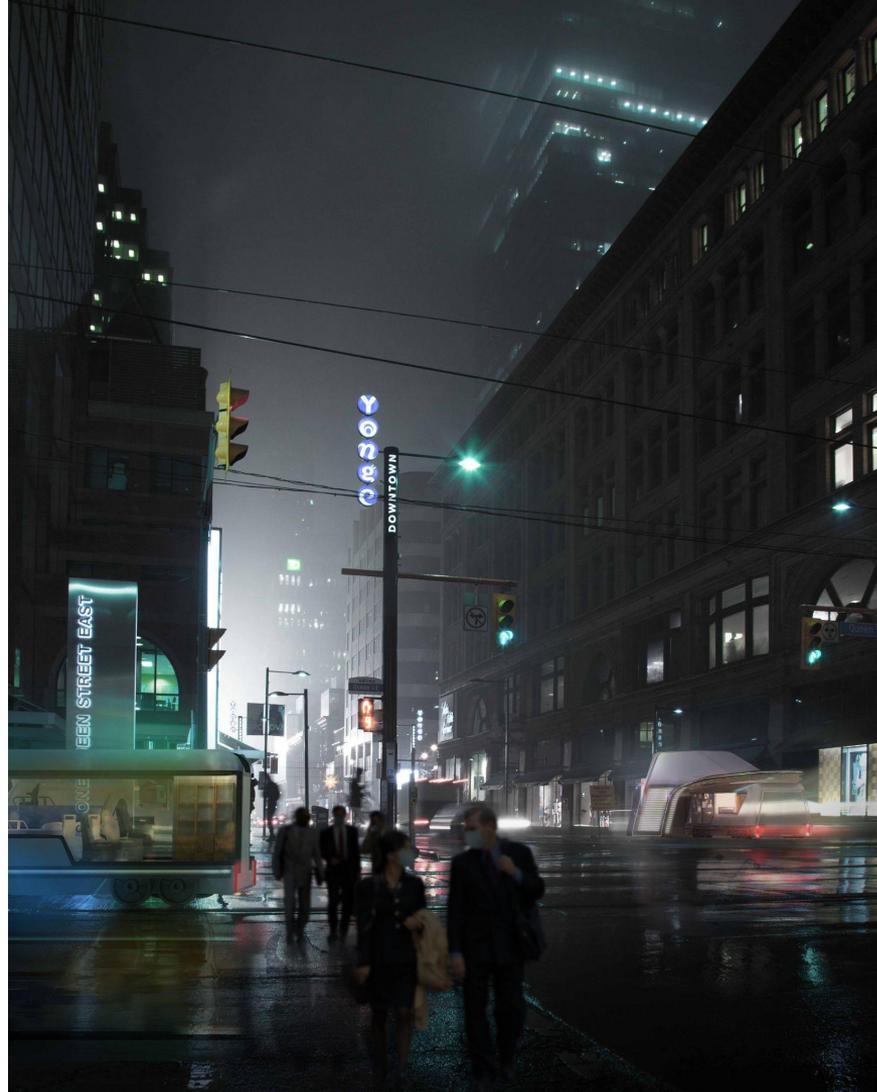
Clean space

————— Negative air pressure flow

————— Air filtration







Fall 2021

Michael Bell



**ANDREW: PROFESSIONAL MOTORCYCLIST**



**HENRY: BILLIONAIRE ART COLLECTOR**



**NOLAN: BROKE ARTIST**

**STORIES OF PEOPLE IN BRONX...**





## Digital timestamps

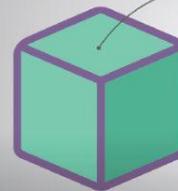
like a notary!

Consensus no one can modify data



## Distributed ledger

Data are stored in blocks from distributed ledger

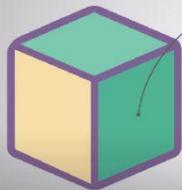


Data



Bitcoin block example

Data record details of the transaction



Hash

3602470b25278cf3ead34cfc6ae507adc111196



Each data block has a unique hash like a fingerprint



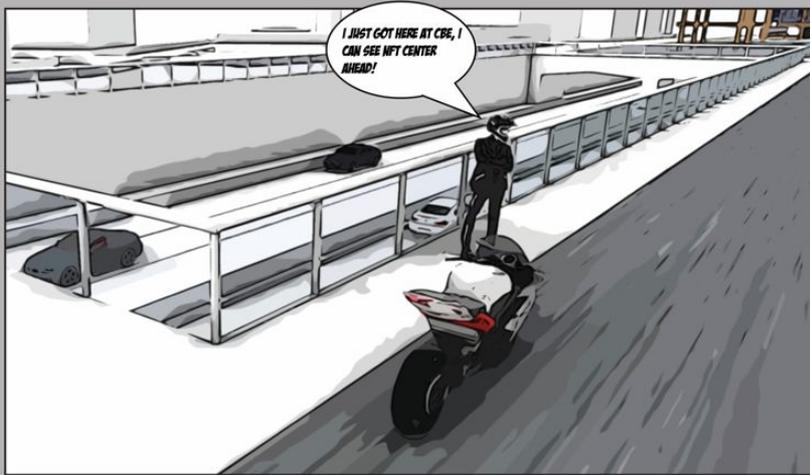
Information in the block are verified by different individuals that come into a consensus



## Smart contracts

Automatically execute a contract based on pre-determined agreement

**GETTING TO NFT CENTER...**



**CROSS BRONX EXPRESSWAY**



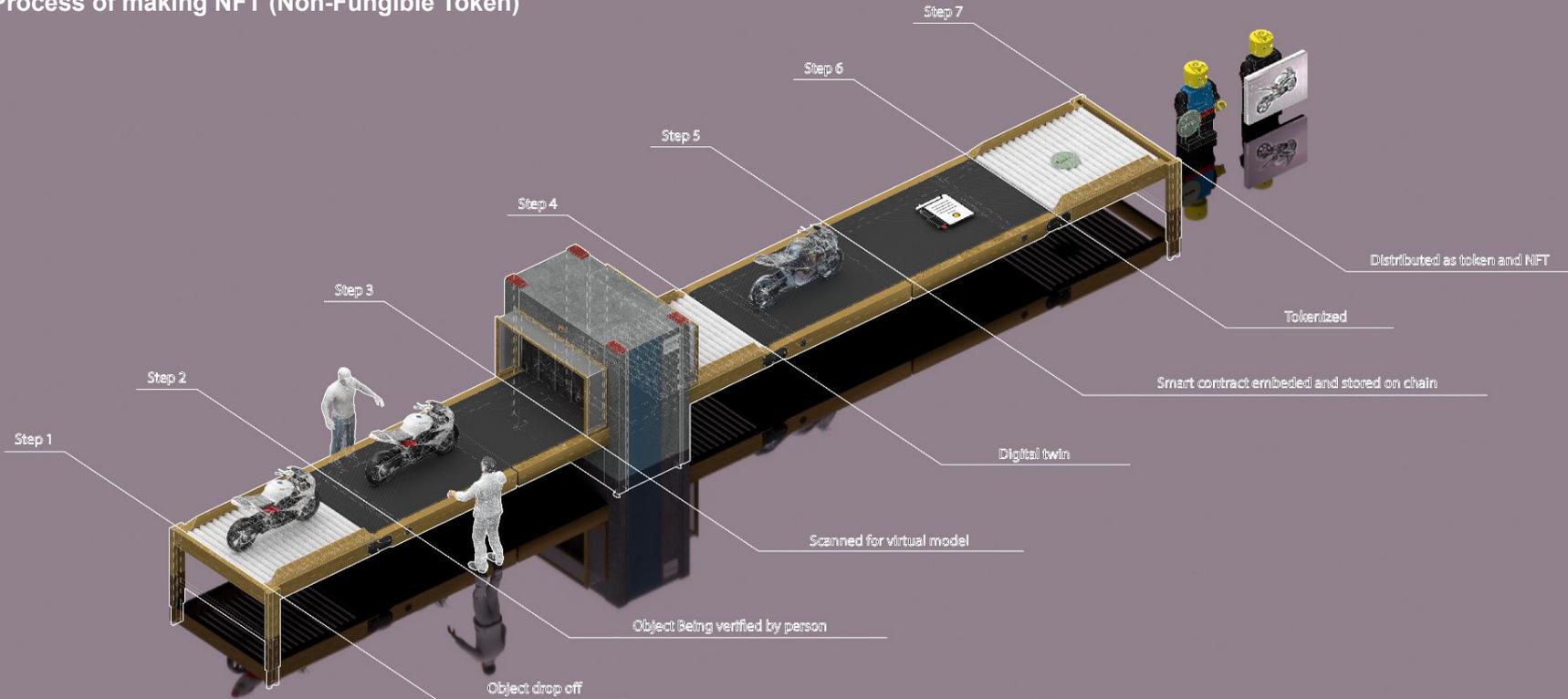
**CBE CAPPED WITH PREFABRICATED SCAFFOLDING  
ASSEMBLED ONSITE**

**ANDREW...**



**TURNING PHYSICAL OBJECT INTO A NFT HELPS SECURE TRANSACTION USING BLOCKCHAIN. SINCE ALL THE TRANSACTION ARE STORED ON CHAIN, FRAUD IS IMPOSSIBLE. IN ADDITION, SMART CONTRACT ENSURES THE TRADE IS CARRIED OUT AUTOMATICALLY. LASTLY, THE OBJECT CAN BE TURNED INTO A VIRTUAL MODEL IN METAVERSE.**

# Process of making NFT (Non-Fungible Token)



**HENRY...**



**NFT ARE DISPLAYED ON SCREEN AND CAN BE SOLD THROUGH VENDING MACHINE FOR EASY PURCHASE. AS A ART COLLECTOR HENRY HAVE OWNERSHIP OF DIGITAL ART BECAUSE NFT CREATES UNIQUE TOKEN THAT CAN NOT BE REPLICATED.**



**NFT VENDING MACHINE INTERFACE. PRICE ARE TRADED AS ETH.**

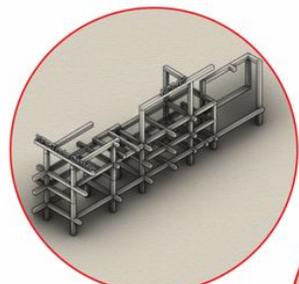
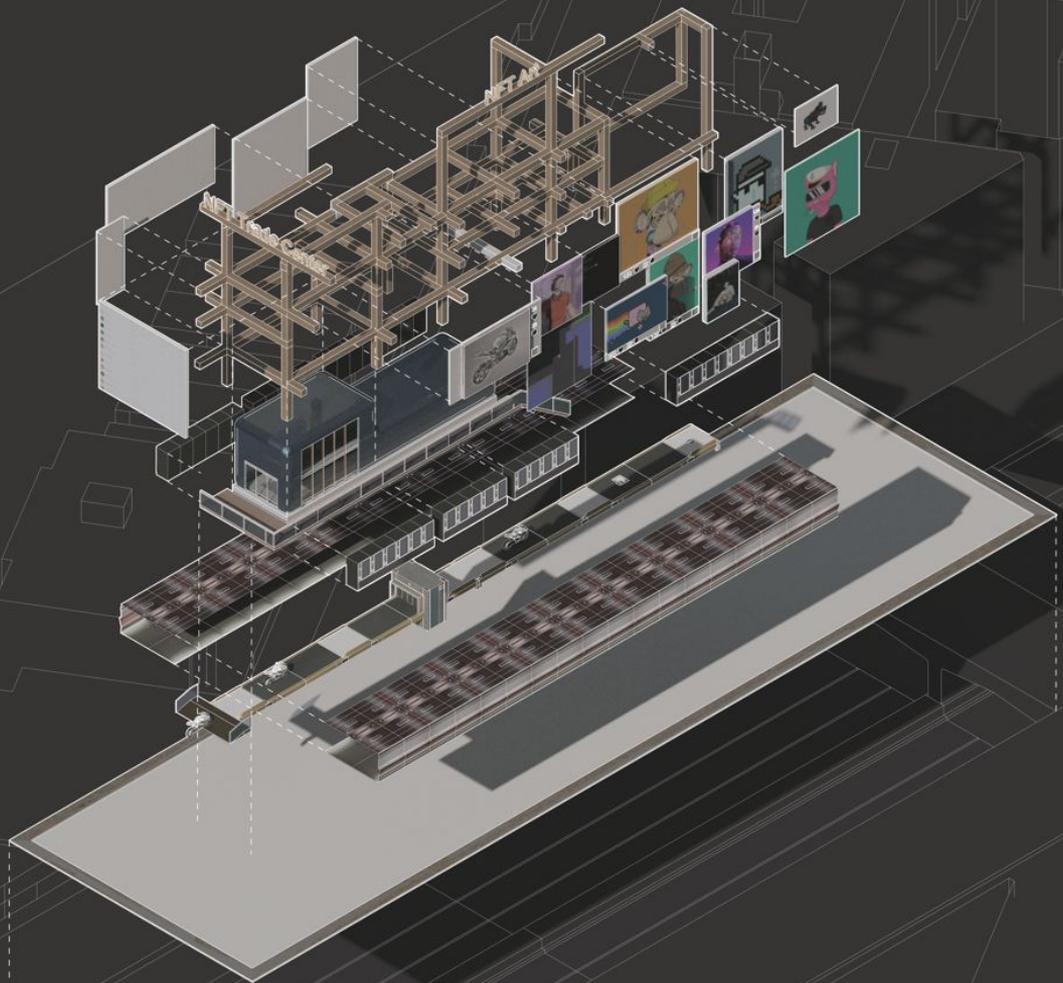
**NOLAN...**



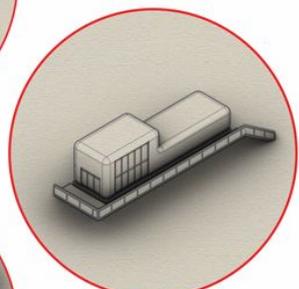
**NOLAN WAS ABLE TO MAKE HER DIGITAL ART INTO AN NFT WHICH BECOMES A DIGITAL ASSET AND HAS AN OWNERSHIP. THE ART IS THEN SHOWN TO THE PUBLIC AND CAN ATTRACT LIKES AND COMMENT SIMILAR TO THAT OF SOCIAL MEDIA. THE VALUE OF HER ART DRASTICALLY INCREASES AS MORE PEOPLE COME TO APPRECIATE IT!**

# NFT Art

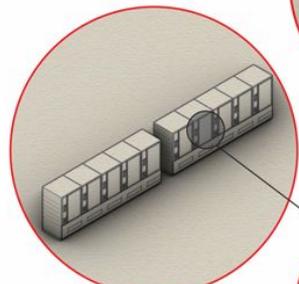




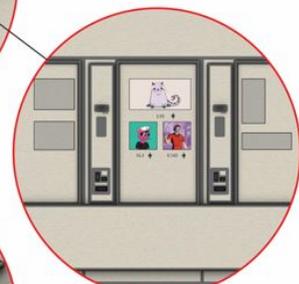
Grid Structure/Scaffolding



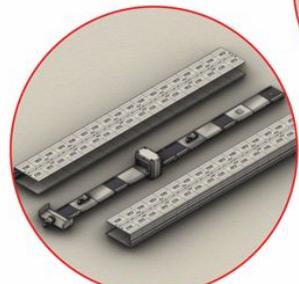
Physical Trading Center



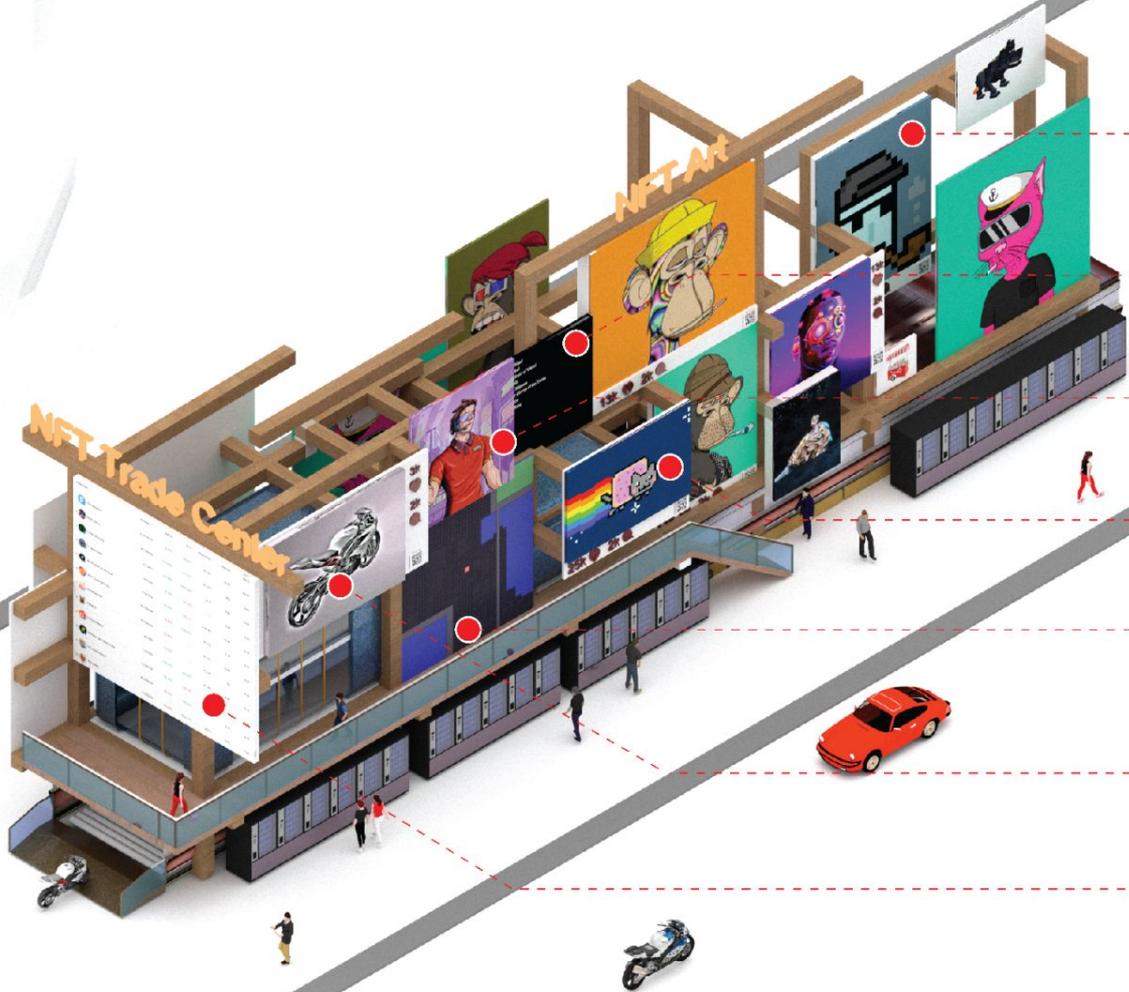
NFT Vending machine



Machine Interface for ETH



Scan Tunnel



Profile photo/Art

Glass Wand  
 Plain Mail  
 Lovers Hood of Virtual  
 War Belt  
 L'Nirvan Slippers  
 Leather Gloves of the Twins  
 Necklace  
 Silver Ring

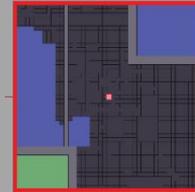
Writings/Poem



Game Character/Item



Video/Meme



Realestate/Virtual Land

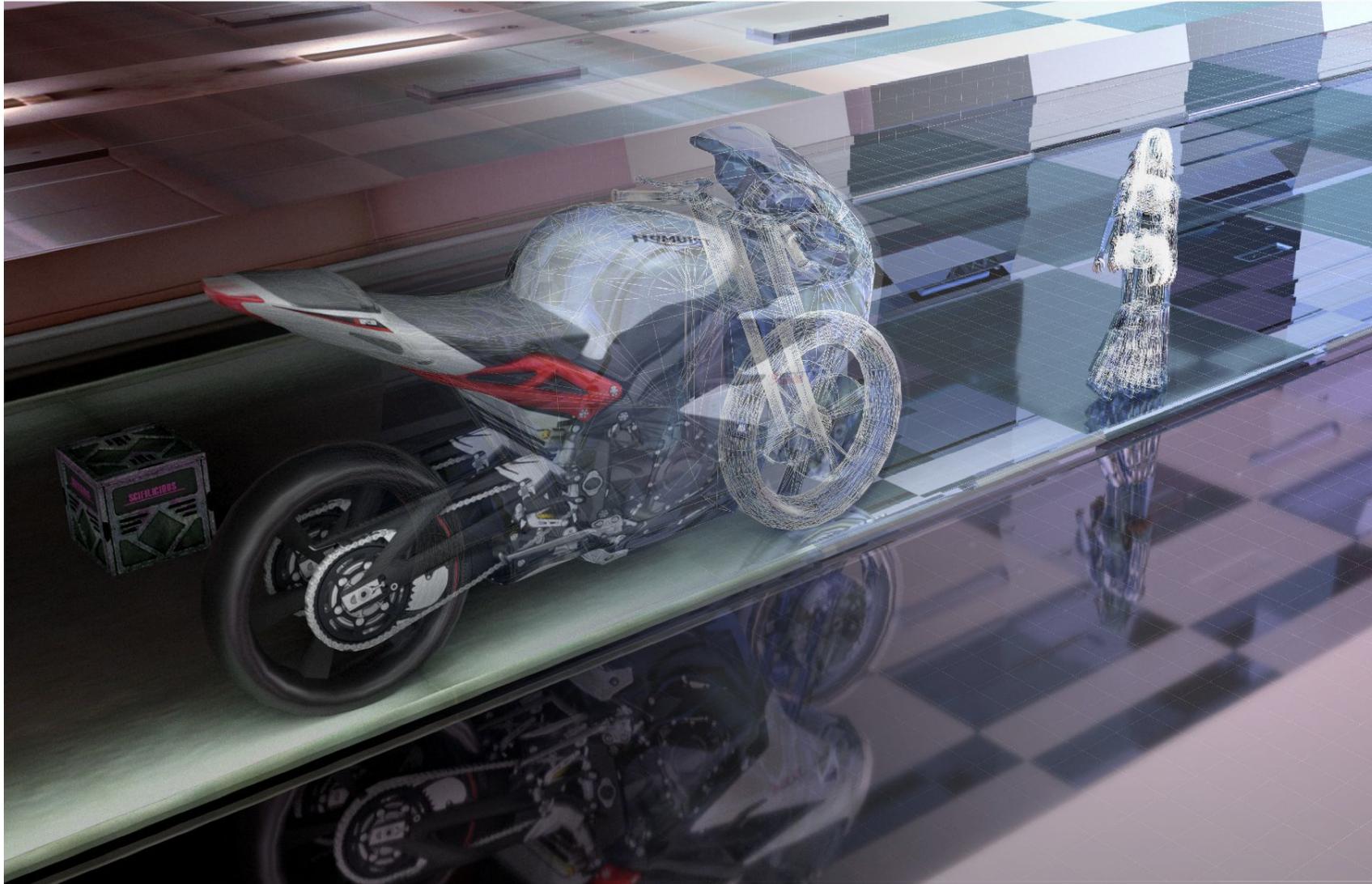


Physical Object

Ranking/Chart



Symbol	Price	Change	Volume	Market Cap
Apple	\$150.00	+0.50%	100M	\$1.5T
Microsoft	\$180.00	+0.20%	80M	\$2.0T
Amazon	\$120.00	-0.10%	120M	\$1.8T
Google	\$250.00	+0.30%	60M	\$2.5T
Facebook	\$180.00	+0.10%	70M	\$1.8T
Twitter	\$50.00	-0.20%	150M	\$500M
LinkedIn	\$200.00	+0.40%	40M	\$2.0T
Slack	\$80.00	+0.10%	100M	\$800M
Zoom	\$100.00	+0.20%	80M	\$1.0T
Zoom Video	\$120.00	+0.30%	60M	\$1.2T
Zoom Meeting	\$140.00	+0.40%	40M	\$1.4T
Zoom Phone	\$160.00	+0.50%	20M	\$1.6T
Zoom Rooms	\$180.00	+0.60%	10M	\$1.8T
Zoom Support	\$200.00	+0.70%	5M	\$2.0T
Zoom Training	\$220.00	+0.80%	2M	\$2.2T
Zoom Partners	\$240.00	+0.90%	1M	\$2.4T
Zoom Developers	\$260.00	+1.00%	500K	\$2.6T
Zoom Ecosystem	\$280.00	+1.10%	250K	\$2.8T
Zoom Future	\$300.00	+1.20%	100K	\$3.0T



## List item for sale

Type



<p>\$</p> <p>Fixed Price</p>	<p>🕒</p> <p>Timed Auction</p>
------------------------------	-------------------------------

Price



🔼 ETH ▼ 1

\$3,962.66 Total

Duration

📅 6 months

[More options](#) ▼

Fees



Service Fee

2.5%

Preview



**You created GSAPP Project!**



Woot! You just created GSAPP Project.



SHARE

# Spring 2022

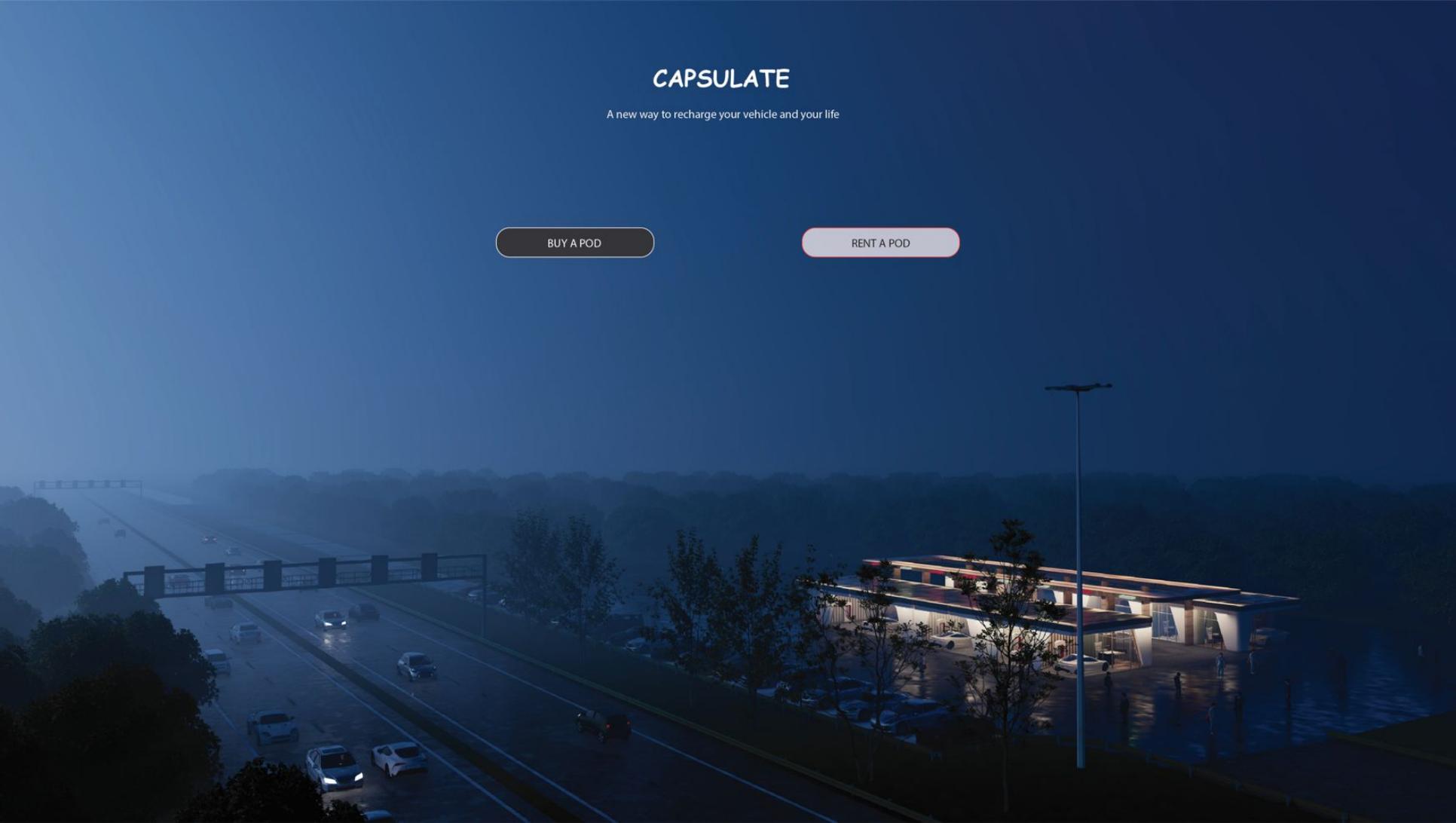
Michael Bell

# CAPSULATE

A new way to recharge your vehicle and your life

BUY A POD

RENT A POD



## Our Mission

At Capsulate, we aim to provide driver a place to recharge their EV as well as a place to work and relax. Capsulate is a co-sharing modular architecture unit that combines EV charging and a private working/relaxing space. Because it is modular, it can be assembled to accommodate for different sizes and purposes.



## Buy or Rent

Capsulate offers different options



Pod 3

Starting at:  
\$89,999

Use Purpose:  
Office

Size:  
14' x 14'

[ORDER NOW](#)



Pod Y

Starting at:  
\$99,999

Use Purpose:  
Motel

Size:  
14' x 28'

[ORDER NOW](#)



Pod S

Starting at:  
\$129,999

Use Purpose:  
Meeting

Size:  
28' x 28'

[ORDER NOW](#)



Pod X

Starting at:  
\$159,999

Use Purpose:  
Event

Size:  
28' x 42'

[ORDER NOW](#)

## Inside the Pod

3.2 kW

Power Output

13.5kWh

Energy Capacity

196 sqf

Office Area

125 kW

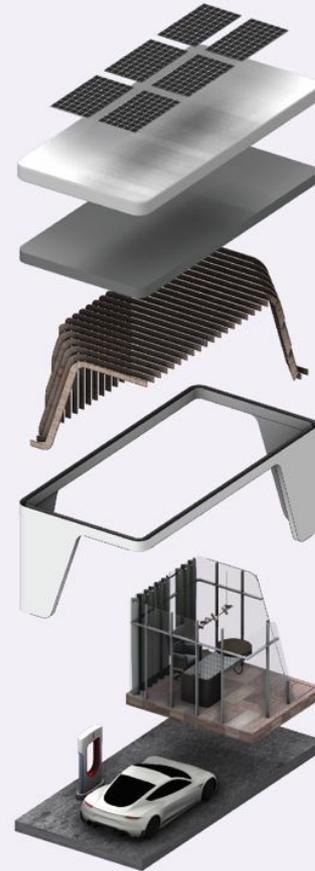
Charging Rate

10 days

Time to Build

420 sqf

Total Area



Solar Panel

Roof Shell

Lithium Ion Battery

Timber Structure

Exterior Wall

Office Space

EV Charger

### Find a Pod

A charging station and a work space at the same time



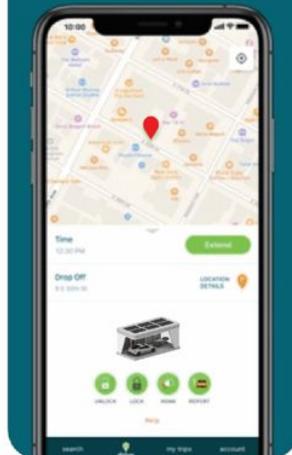
### Book a Pod

Book by hour or the day, different sizes available according to your need



### Check in a Pod

Locate your pod, charge your vehicle and unlock the space with the app



## Capsulate App



Rent a pod on the app



Drive with navigation



Check in the pod

[DOWNLOAD NOW](#)

## Pricing

Choose a pod

Pod S  Pod X

Pod 3  Pod Y

Choose a time

30 mins  1 hr

4 hrs  1 day

[VIEW PRICING](#)

CAPSULATE COMMUNITY

A co-sharing community during your road trip



## Capsule Community Modular Plan



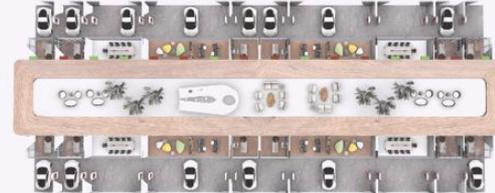
*Plan A*

4 parking spots  
4 office units  
1 common lounge  
28' x 84'



*Plan B*

16 parking spots  
4 office units  
2 conference rooms  
2 event lounges  
4 motel rooms  
2 common lounges  
112' x 84'



*Plan C*

32 parking spots  
8 office units  
4 conference rooms  
4 event lounges  
8 motel rooms  
4 common lounges  
224' x 84'

CAPSULATE REAL ESTATE

Building remote home/office that transform real estate



CAPSULATE PLUG-IN

Modular plug-in that function as a garage and mini-office

