

Design for Participation



UARTS Faculty
Engineering / Arts
Student Teams (FEAST)
School of Information

FEAST U ARTS DESIGN
FOR PARTICIPATION

02.13-23.2024
World Wide Tea

Exploring global tea culture with
a Design for Participation Lens

Design Collective

Anantika Sethi / Hannah Guan / Hilda Wang /
Isha Wadhavkar / Jinnan Chen / Rosalie Morrissey /
Sabrina (Qungyuan) Niu / Stella (Qianzi) Li

Faculty Lead / Vadim Besprozvany

Design Lead / Jessie Zhou

Design Support / Elena Godin

M | ARTS ENGINE

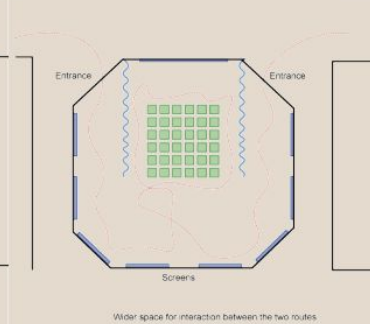
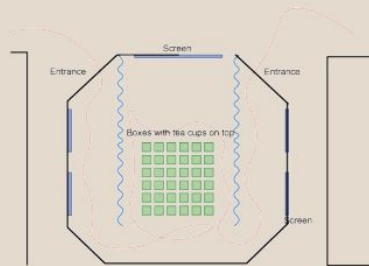
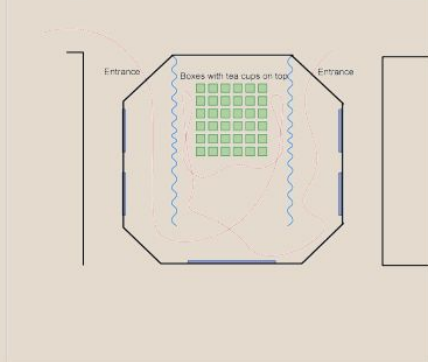
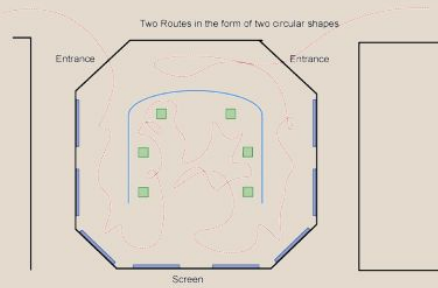
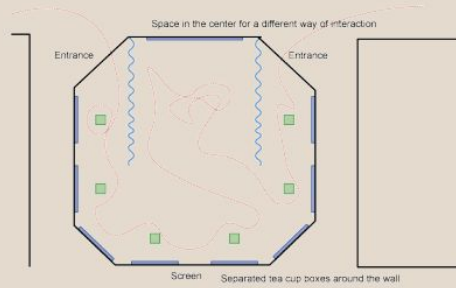


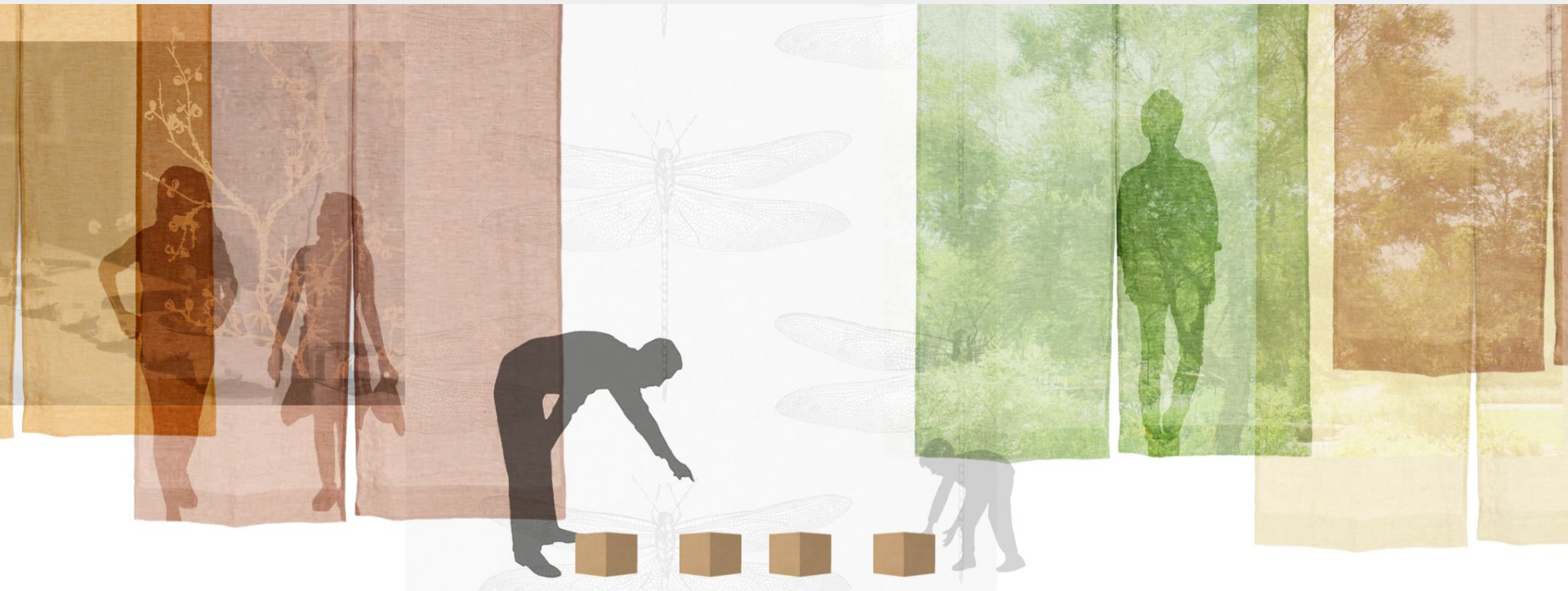
Our team is exploring tea's role in connecting people through the "World Wide Tea" exhibit series.

The Duderstadt Center Gallery is used to observe how visitors engage with tea-related artifacts, learn about tea culture, strengthen personal connections, and evoke memories.

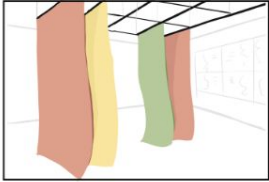
The 2024 exhibit showcased tea's meaning through video art and the use of the "Internet of Things" (IoT) in conjunction with design elements.

Installation layout ideations

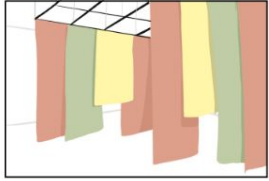




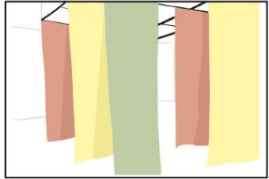
Arrangement 1



Arrangement 2



Arrangement 3



Material Selection



On Site Experimenting



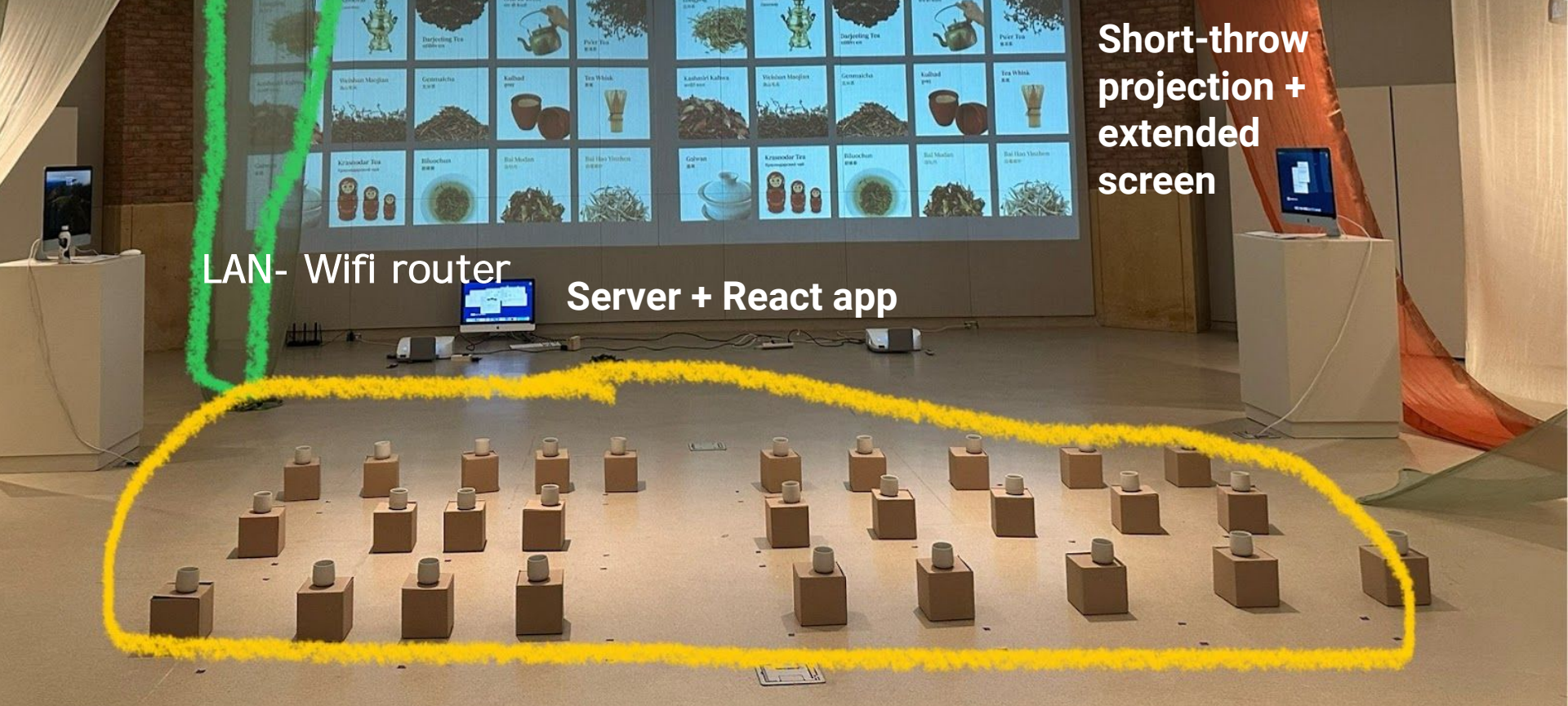
Short-throw
projection +
extended
screen

LAN- Wifi router

Server + React app

Wireless triggers

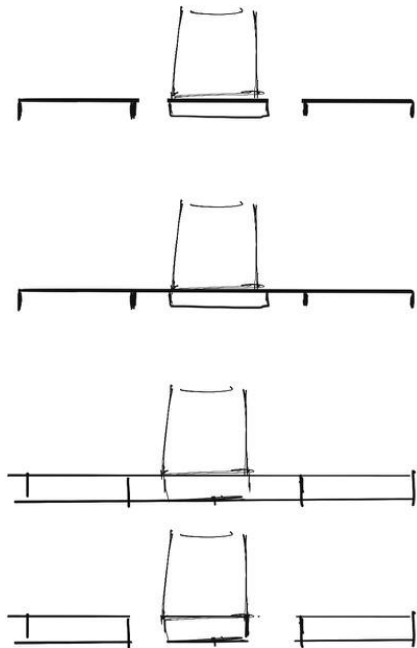
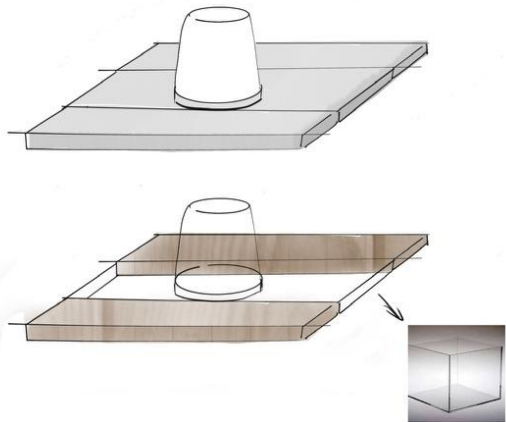
(communicate with the server to prompt interaction > UI, sound, ligh)



Wireless trigger - user interaction

The user lifts the trigger
which communicate with
the server to prompt
interaction





Tea Cards

The cards capture the essence of teas from around the globe, including tea types, black, green, oolong, white, and pu-erh, alongside tea accessories and cultural practices.

ng Souchong



bos
n Red Tea



Tea Whisk
茶筴

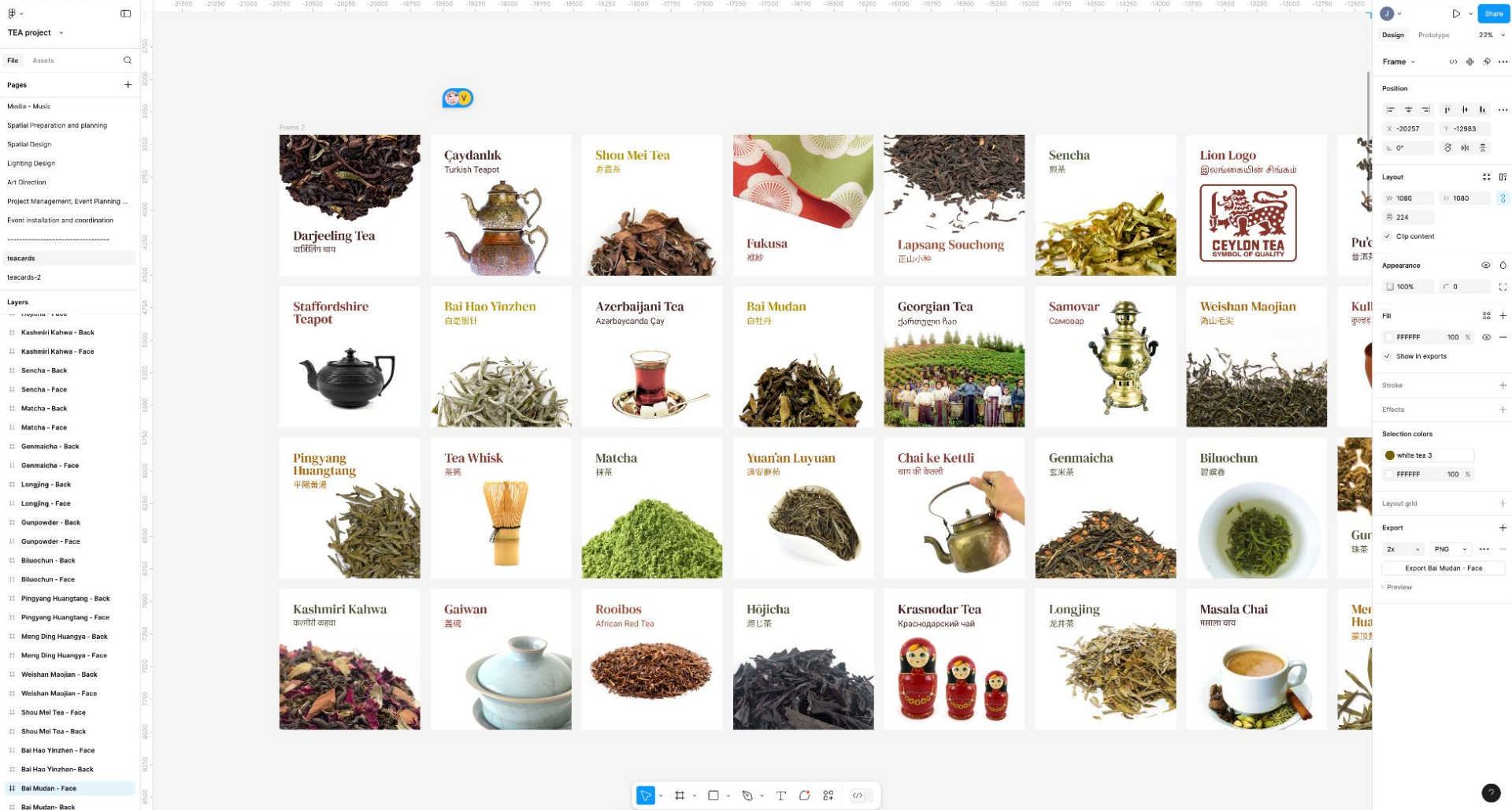


Masala Chai
मसाला चाय



Bai Hao Yinzhen
白毫银针

Created in 1796 from Fujian, is widely know as the "Beauty/King of Tea". It's made from




Frame 2



Darjeeling Tea
দারিঞ্জির চা

Çaydanlık
Turkish Teapot



Shou Mei Tea
寿眉茶



Fukusa
袱紗



Lapsang Souchong
正山小種



Sencha
煎茶



Lion Logo
இலங்கையின் சிங்கம்



CEYLON TEA
SYMBOL OF QUALITY

Staffordshire Teapot



Bai Hao Yinzhen
白毫銀針



Azerbaijani Tea
Azərbaycanda Çay



Bai Mudan
白牡丹



Georgian Tea
ქართული ჩაი



Samovar
Самовар



Weishan Maojian
滄山毛尖



Pingyang Huangtang
平陽黃湯



Tea Whisk
茶筴



Matcha
抹茶



Yuan'an Luyuan
遠安巖茶



Chai ke Kettle
चार की केल्ली




Genmaicha
玄米茶



Biluochun
碧螺春



Kashmiri Kahwa
कशीरी कढ़वा



Gaiwan
蓋碗



Rooibos
African Red Tea



Hōjicha
焙じ茶




Krasnodar Tea
Краснодарский чай



Longjing
龙井茶



Masala Chai
मसाला चाय



Layers

- Kashmiri Kahwa - Back
- Kashmiri Kahwa - Face
- Sencha - Back
- Sencha - Face
- Matcha - Back
- Matcha - Face
- Genmaicha - Back
- Genmaicha - Face
- Longjing - Back
- Longjing - Face
- Gunpowder - Back
- Gunpowder - Face
- Biluochun - Back
- Biluochun - Face
- Pingyang Huangtang - Back
- Pingyang Huangtang - Face
- Meng Ding Huangya - Back
- Meng Ding Huangya - Face
- Weishan Maojian - Back
- Weishan Maojian - Face
- Shou Mei Tea - Face
- Shou Mei Tea - Back
- Bai Hao Yinzhen - Face
- Bai Hao Yinzhen - Back
- Bai Mudan - Face
- Bai Mudan - Back





2023-24 Team

Jessie Zhou, Design Lead
Jennan Chen, Information
Hannah Guan, Engineering

Anantika Sethi, Information
Isha Wadhavkar, Information
Sabrina Niu, Architecture
Hilda Wang, Information
Rosalie Morrissey, Information
Stella Li, Information

>>>> Incoming Team

Jessie Zhou, Design Lead
Jennan Chen, Information

Olivia Green, Performance Arts
Ru Xue Jiang, Engineering
Erin Ruark, Information
Thanh Trinh, Electrical Engineering
Yan Yan, Information

2024-25 Plans

Domain 1: **Technology**

- Improve the boxes designs, try more solid material
- Experiment with other ways to set up triggers (different sensors)
- Work on the battery charging and lifespan
- Projection quality

Domain 2: **Interactions**

- Refine trigger-output interaction clarity for users via space organization, objects labeling, and sound triggers
- Work on ergonomics and accessibility

Domain 3: **Space**

- Projection quality vs. space and natural light
- Projection surfaces
- Space organization
- Installation scale

Domain 4: **Content**

- Incorporate video content in the cards
- Experiment with a data wall concept

Thank you!