

1

「2023 好賞你減鹽」

Web-Application, Full-frontend & Backend &
APIs Integration



好賞你
好賞你減鹽

Frontend-Application (Vue.js)
Facebook and User Authentication Login

ReceiptApproveRecord
Backend(API): Node.js, Strapi

Receipts Upload with OCR Checking

Site: <https://less-salt.good2share.app/>

Frontend Receipts Approver Page (React.js)

The image displays a comprehensive web application stack for managing salt reduction rewards. It includes:

- Frontend Application (Vue.js):** Shows mobile and desktop interfaces for user login via Facebook and user authentication.
- Backend API (Node.js, Strapi):** Manages receipt approval records, showing a list of 372 entries with columns for ID, FROM_STATUS, TO_STATUS, and Approval status.
- Receipt Approver Page (React.js):** A detailed view of receipt approval records, allowing manual review and approval/rejection.
- Receipts Upload with OCR Checking:** A feature where users upload receipts, which are then checked for salt content using OCR technology.
- Site URL:** <https://less-salt.good2share.app/>

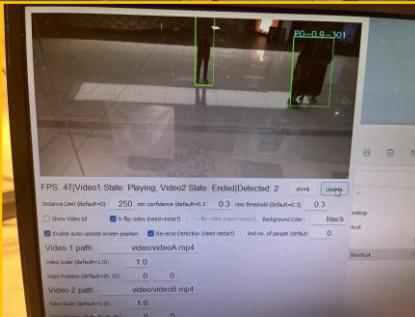
2

「Hermes Fabric Projection」

Projection + Pedestrians Detection



Onsite Calibration + Setup



Python Human Detection + Multiscreen Video Playback

3

「沙田IVE - 幼兒教育中心」

2016-Sha Tin IVE-Digital Wall 九格電視數碼牆



Control Management System(HTML, CSS)



16 Kinect Motion Games



RFID System

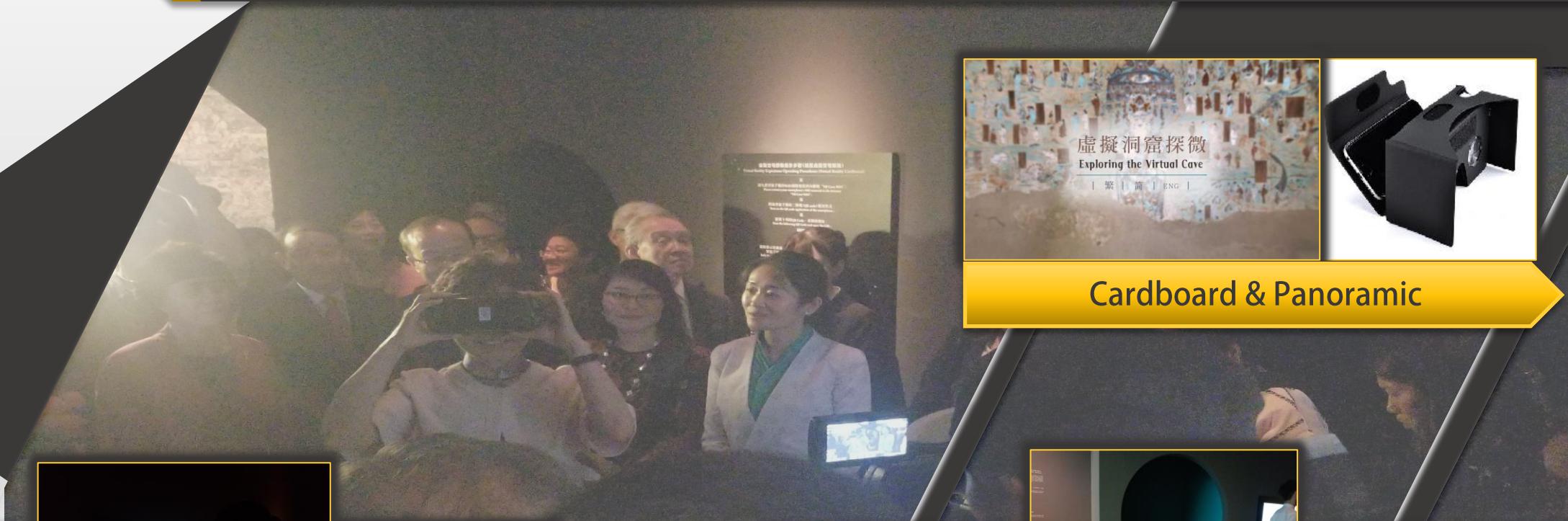


Application with Motion Sensor

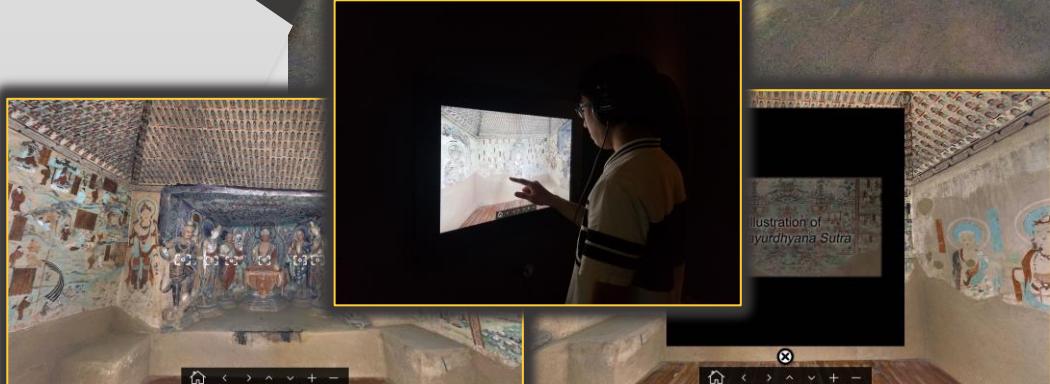
14

「香港文化博物館- 敦煌展2018」

2018-Dunhuang-VR-Cave-虛擬洞窟探微



Cardboard & Panoramic



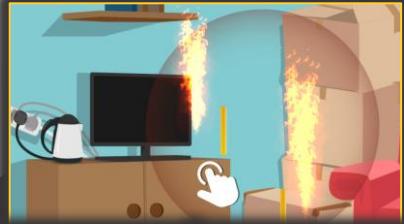
Web 360 krapno



Demonstration with Mobile

「沙田IVE - 幼兒教育中心」

2019-ST IVE-Kidsbank-兒童銀行



Attractive Frontend Games



Saving & Consumption Concept



RFID Technology

Virtual Shops & RFID System

兒童銀行體驗活動 收入及支出記錄表	
陳大文 陳大文幼稚園	
收入	
工資	+ \$ 50
支票存款(工資)	+ \$ 20
利息	+ \$ 16
現金存款	+ \$ 20
支出	
消費 (1) 需要	- \$ 20
(2) 想要	- \$ 10
捐款	- \$ 20
戶口總結餘	\$ 56

Report Generation

Report of Cert Generation (HTML, CSS, API)



3 x 3 Large TV Wall

Clients(x3) Remote Technology

「香港科學館- Biodiversity」

2016-Biodiversity-Design Your Butterfly and
Let IT Fly-蝴蝶畫室



康樂及文化事務署
Leisure and Cultural
Services Department



2D-Game-Painting (Android-Platform)



繁體中文

简体中文



Communication with Client-Server

English

7

「香港文化博物館- 金庸展」

2017-HKHM-Jin Yong Photobooth-高手過招



Kinect-Comics-Filter



Ethernet-QR-Taking



出擊開始遊戲
Strike palm to start



Fabrication & Maintenance



Project Move-In



「香港文化博物館- 金庸展」

2017-HKHM-Jin Yong Hero Trip-大俠遊蹤



康樂及文化事務署
Leisure and Cultural
Services Department

HONG KONG
香港
文化
Heritage Museum



2D Game Animation



您想和陳家洛、蕭峯或韋小寶一起遊歷大江南北嗎？
快拿起代表他們的令牌，跟他們來一次江湖歷險吧！

Do you want to join Chen Jialuo, Xiao Feng or Wei Xiaobao
for a journey throughout the territories of China?
Come pick up their tokens and start the adventure!



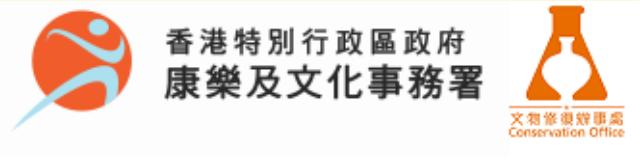
Public Launch Support



Remote Controllers with RFID

「香港文物修復辦事處」

2017-COVR-文物修復360



3D Model Development



VR Application & Development



Public Launch Support

10

「香港海防博物館」

2017-HKMCD Photobooth-同樂日



Photo Frames Capture



Shooting Props and Tools Sourcing



Onsite and Photo Printing Service

「孫中山紀念館」

2017-Dr.Sun Kiosk照片中的奉安大典



孫中山紀念館
DR SUN YAT-SEN MUSEUM

康樂及文化事務署
孫中山紀念館

照片中的奉安大典

Grand Funeral in the Historical Images



2D Graphic Animation



Onsite Setup & Launch Support

中文

English

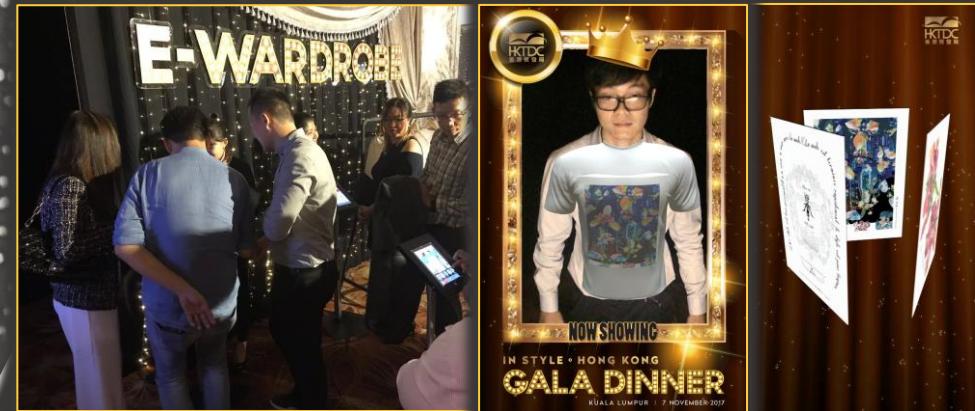
12

「香港貿易局」

2017-In Style . Hong Kong Gala Dinner (Malaysia)



Photo AR with Video Playback



Kinect-Photobooth (Auto-photo-printing)

13

「香港鐵路博物館」

2017-HKRM Photobooth-同樂日



Photo Frames Capture



Onsite and Photo Printing Service



Backdrop Design & Mounting

「沙田IVE」

2018-Sha Tin IVE Motion Bike-活靈騎士



活齡騎士



支與健身結合，讓你在室內
入在城市漫遊或在大自然郊

遊遊戲，包括公路或

可選擇游玩時間、與

車。完結時畫面會顯



3D Environments Develop

你有一個愉快的單車遊！



Application with Motion Sensor

15

「香港濕地公園」

2018-HKWP-Live Sketchbook-濕地農莊



Game Kiosk



Server Projection Touch Wall



Client Drawing Design

「香港郵政」

2018-HKP-Mobile App-香港郵政手機App



Both Android & IOS
Function Enhancement

No SIM 11:00 AM * 89%

10:46 AM * 84%

Easy-PreCustoms

What is Easy-PreCustoms?

Please select item:

+

Input customs information only
(Applicable if handwritten posting form has been filled up already)

Input customs information and print the

Main Menu Mail Tracking Postage Calculator Location

No SIM 11:03 AM * 90%

10:52 AM * 86%

Easy-PreCustoms

What is Easy-PreCustoms?

Mail Item No*

SCAN

(* Required Field)

Back Cancel Next

Main Menu Mail Tracking Postage Calculator Location

17

「香港歷史博物館」

2018-HKMH-ChaoZhou Exhibition-潮州木雕展



香港歷史博物館
HONG KONG MUSEUM OF HISTORY



Onsite Setup & Launch Support



2D Game & Graphic Animation

「香港生產力促進局」

2018-HKPC Kiosk-清潔生產



2D Content & Animation
with local CMS for editing



Kiosk Design & Onsite Setup

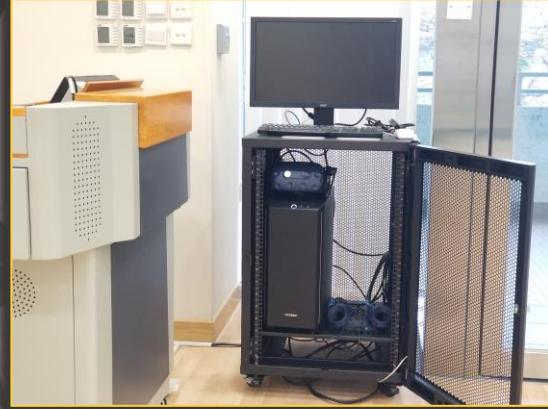
19

「沙田IVE」

2018-Sha Tin VR-教學體現(自閉症)



VR 3D Environment Develop



Equipment Setup & Maintenance

「維港音樂節-2019」

2019-Mobile Photobooth (Green Screen)-影城音樂遊



Green Remove Capture



Customer User Interface & Photo Emailing



Photo Service (Onsite Setup and Support)

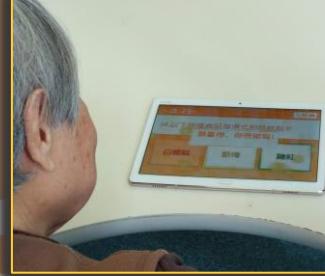
「沙田IVE」

2018-ST IVE Personal Trainer System for Dementia Elders

家·友回憶訓練遊戲



家·友回憶



Onsite Training Support)

報告

一周 | 一个月 | 一年

拍一拍 (時間) 拍一拍 (成績)

举一舉 (時間) 举一舉 (成績)

新增玩家

返回 主題 過往成績

User Login & Data Analysis



Bluetooth Application with Electronic Devices

「機電工程處」

2018-EMSD-E&M Go App-機電業推廣小組



機電工程署
EMSD



Mobile Public Launch & App Maintenance



Mobile Development (Frontend)



Customer Content Editing with CMS

23

「香港文化博物館」

2019-HKHM Interactive Timeline Projection Wall

大英博物館100件展品



Multi-touch Simultaneously



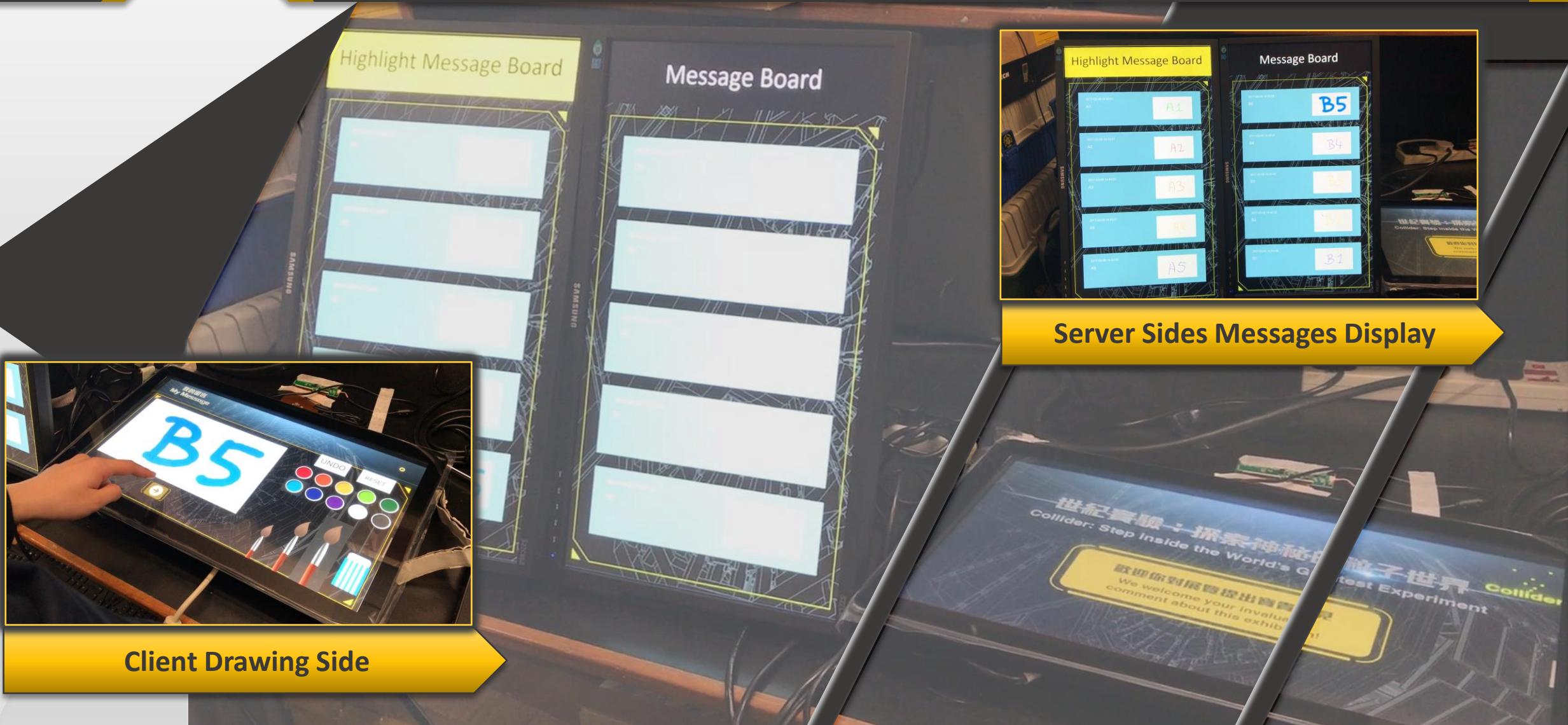
Public Launch Support



8 Meter Touch Wall & Projection Edge Blending

「科學館」

2019-HKSCM-EMSP Maintenance-留言板系統



25

「香港藝術館」

2019-HKMoA Drawing Game 小畫家.大想頭



Attractive Drawing Clients

小畫家 · 大想頭
Small Brush · Big Mind



Drawings Slide Show



Dynamic Attraction Screen &
Vertical-landscape Video



Onsite Setup & Maintenance



Virtual Motor Training System

長者開發虛擬肌能認知訓練系

velop Virtual
with Cognitive

人同時出現認知障礙和
阻，並會限制其出外的
生活上更需要依賴他



VR Mini-games & Mission Tasks



e with cognitive
e for help in daily

3D Environments

報告格式:									
1. Name:	tester	2. Age:	123	3. Gender:	M	4. Score:	8		
5. Level:	2	6. Resistance(L.V):	1	7. Cycle:	194	8. Reaction Time(s):	455		
9. No. Of Cues:	0	10. No. Of Trials:	35	11. Preservation:	6	12. Correctness(%):	82.9		
13.		14. Step:	Cycle	Reaction Time(s)	No. Of Cues	No. Of Trials	Preservation	Correctness(%)	Date/Time
wk1_FixBike	62	80	0	1	1	0	100	04/28/2020 16:15:09	
wk1_LoveFood	0	0	0	1	1	0	100	04/28/2020 16:15:25	
wk2_LoveFood	0	45	0	1	1	0	100	04/28/2020 16:15:25	
wk3_PickFood	0	6	0	12	0	0	100	04/28/2020 16:13:14	
wk5_Calculation	30	11	0	1	0	0	100	04/28/2020 16:14:33	
wk5_Monsterate	0	22	0	1	0	0	100	04/28/2020 16:14:48	
wk6_RowOrder	0	5	0	1	0	0	100	04/28/2020 16:15:40	
wk6_SortFood	0	25	0	2	1	0	50	04/28/2020 16:16:05	
wk6_Fix2	0	35	0	2	1	0	75	04/28/2020 16:16:23	
wk6_CrtSandwich	0	12	0	4	1	0	100	04/28/2020 16:18:21	
wk8_BrdSgs	102	84	0	1	0	0	100	04/28/2020 16:19:59	
wk9_Catchards	0	90	0	7	3	0	57.1	04/28/2020 16:19:59	

Analysis Data Report



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「香港文化博物館x東華三院」

2020-HKHM-TungWah Exhibition
善道同行 – 東華三院籌募文化與社會發展



Kinect Interactive Game

888 236



Score accumulation function



Props x Mosaic Photobooth

MC QA Kiosks

「選舉事務處-mini games」

2020 – Games Remake for HKREO



Touch Game UI Interface



Local rankings data



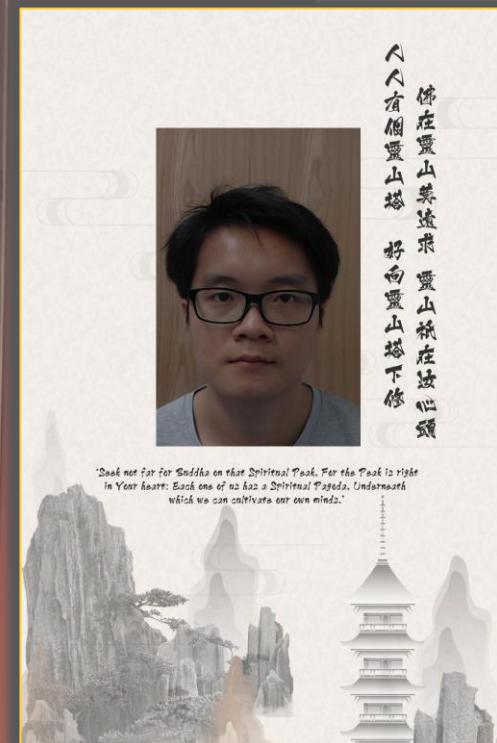
Logic for mini games

「天壇大佛之如來如去展覽」

2021-Thus Come Thus Gone Exhibition



Onsite Installation



User Face Detection
& Photo Capture



User Face Mask Fusion

「虛擬背景 Photobooth」

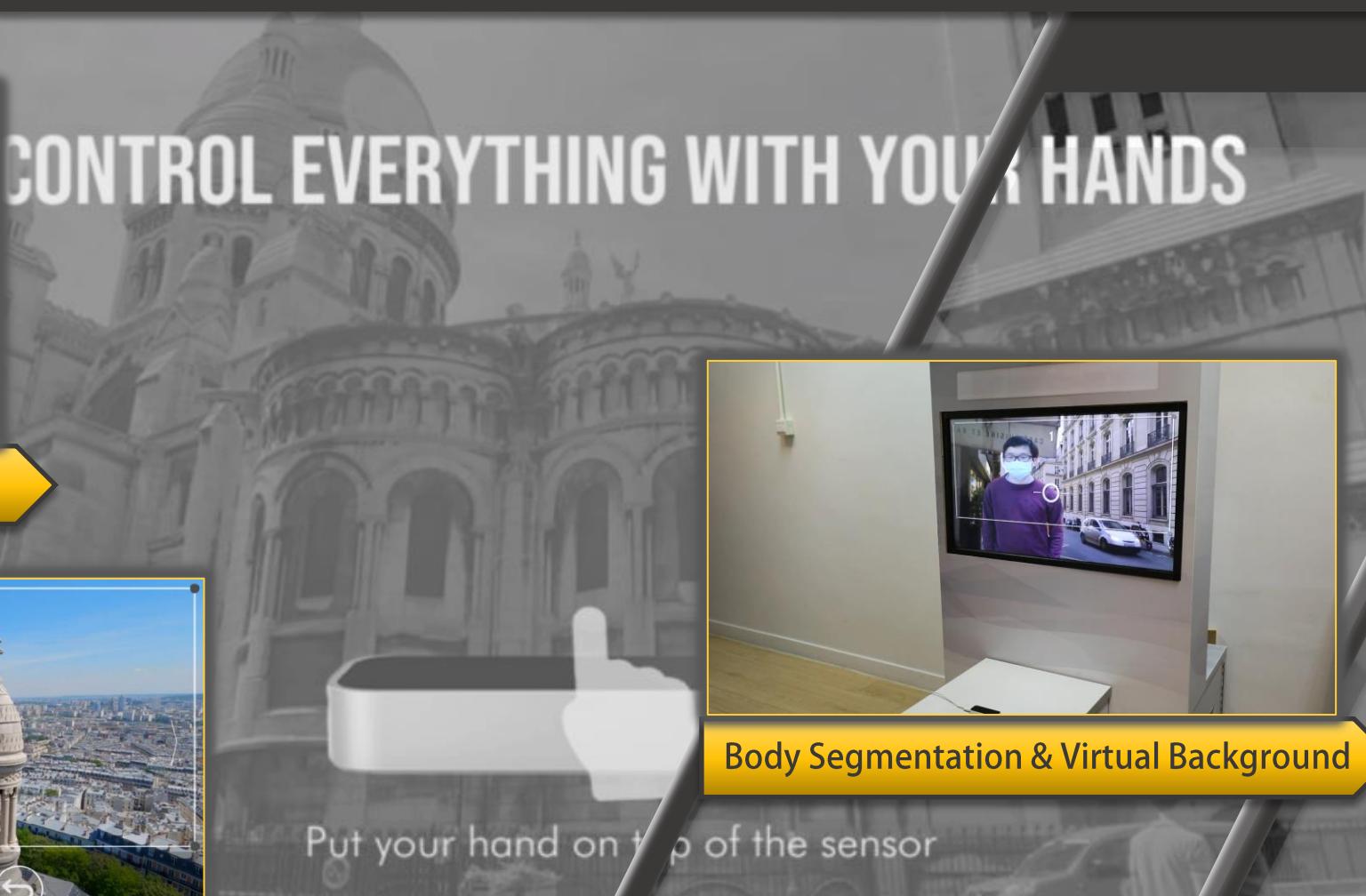
Virtual Background Photobooth



Leap Motion /Hand Gesture Control



Simple UI Interface & Logic Control



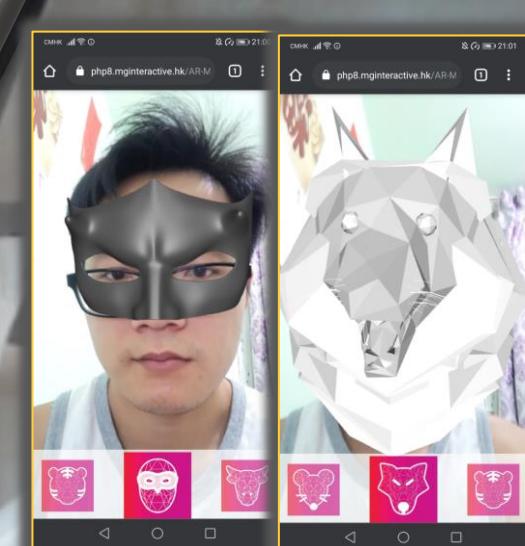
Body Segmentation & Virtual Background

Put your hand on top of the sensor

Instruction

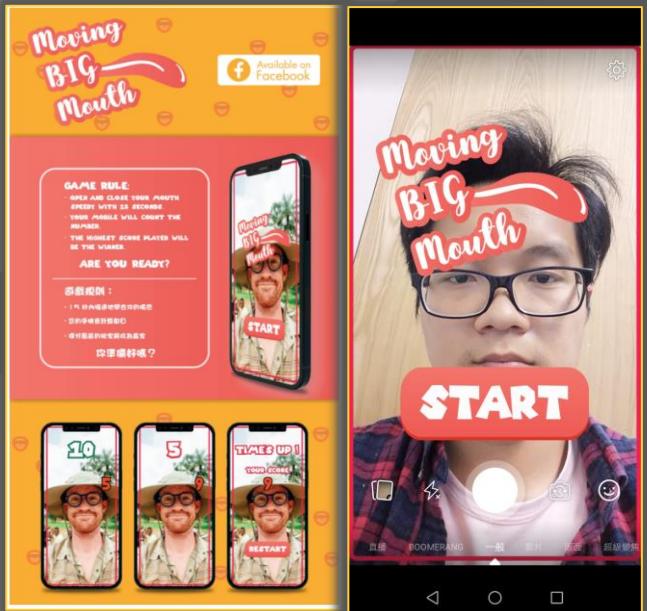
「AR-Masks」

AR Masks Application for Multiplatform



「AR-Filters」

Facebook & Instagram Filter Apps



Mouth Mini-game



Facial Tracking

Features



Mobile Mini-game



Masks & Background Filters

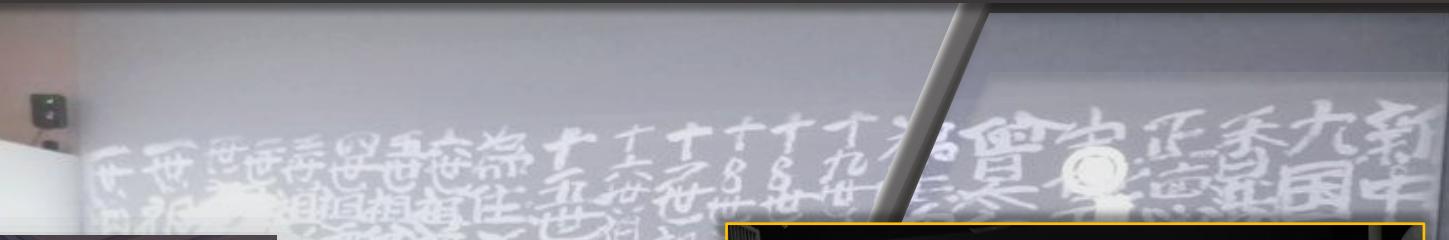
Available on FB platform

「Digital-ART-Fair in Asia 2021」

Kowloon King Ink Torch App



Projection Display + Stream Vive Tracker Detection



Unity Shader Mask Effects

「Pacific Place Christmas Photobooth」

Photobooth



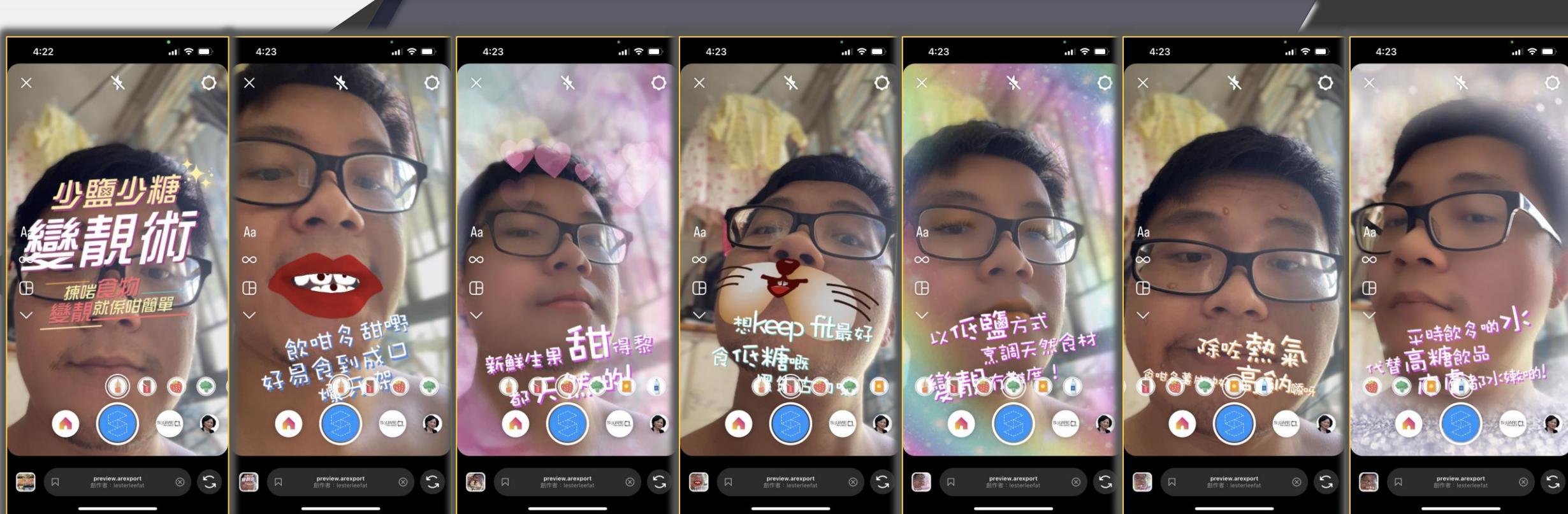
Photo-shooting App Development +
Onsite Calibration



Printing Output

「少鹽少糖變靚術」

Facebook & Instagram Filter Apps



Multi-effects with mouth, retouch, beautify, distortion, custom-face mask effects

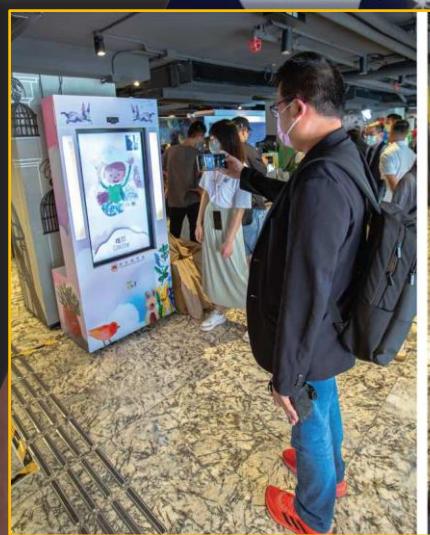
Available on FB platform

<https://youtube.com/shorts/QDo08f3BPkl?feature=share>

「Neighborhood Advice-Action Council」



Artworks Photobooth



Unity Programming and Calibration Setup

「Ginza Enzo AR Kimono Photobooth」

AR Photobooth



銀座
炎
藏

Enzo
Kimono



Unity Programming + Machine Learning of Body Pose-Estimation for AR tracking

「2022 Bookfair Exhibition」

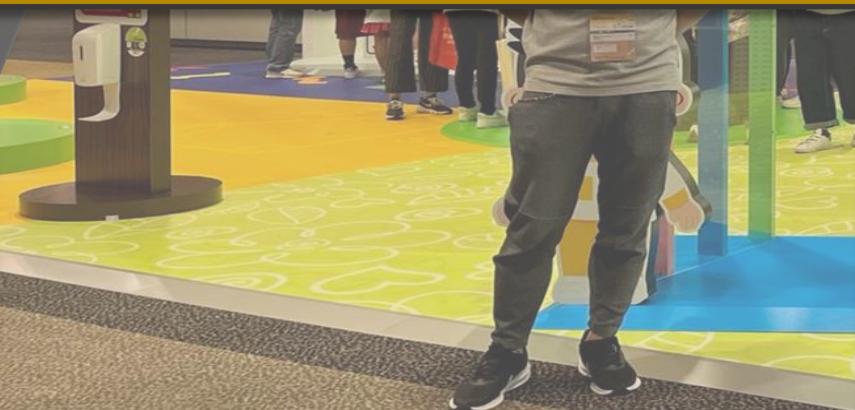
VR + Game Kiosk + AR Photobooth



HKTC
Hong Kong Book Fair
香港書展
20-26/7/2022
Hong Kong Convention
and Exhibition Centre
香港會議展覽中心
25th Anniversary



Digital Touch Game + AR Photobooth + VR Torch Projection



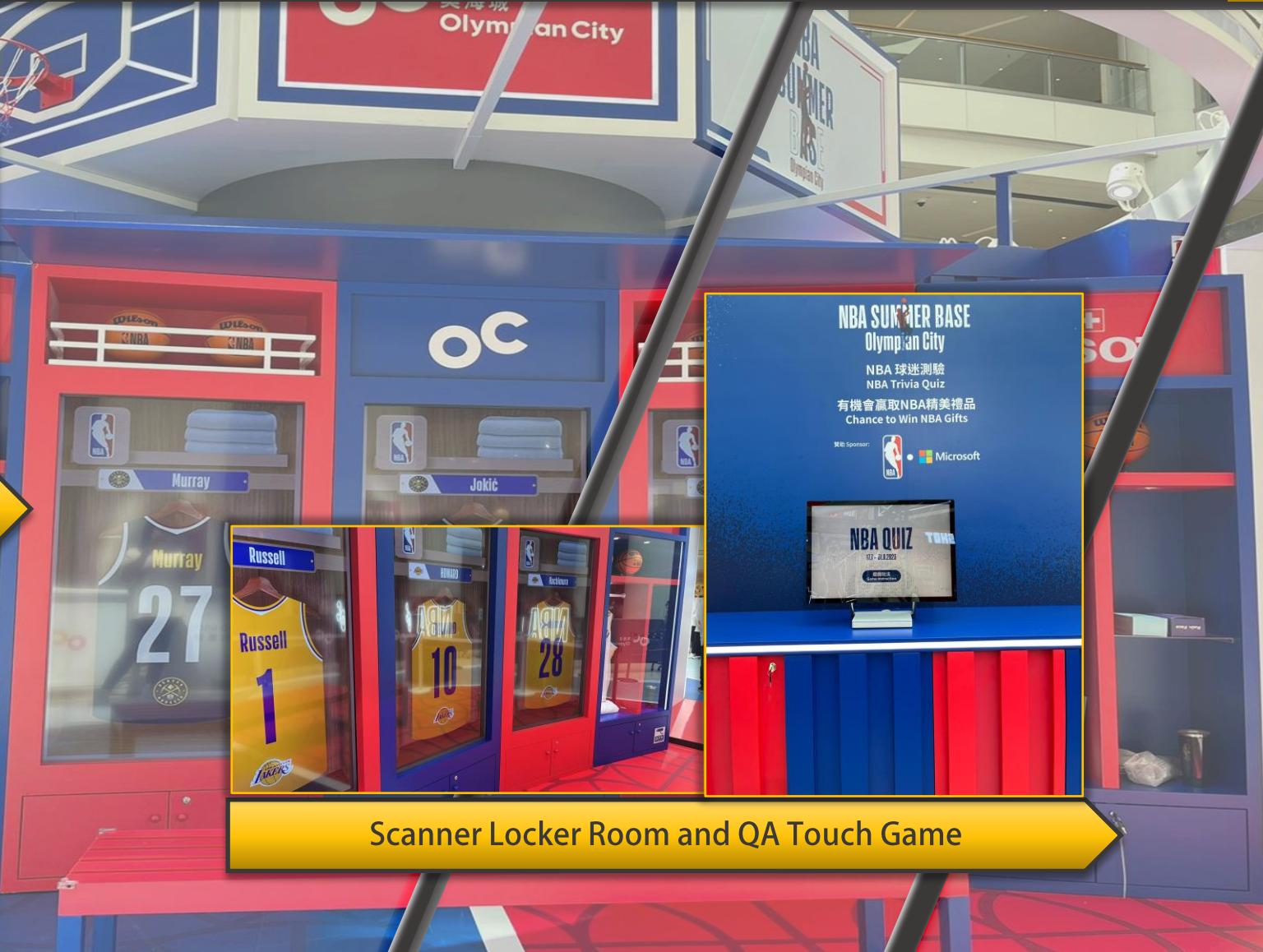
RFID Table + Onsite Setup

「Olympian City - NBA」

Passport, Scan-To-Show, QA Game



Digital App for user photo passport &
Scanner Content App



Scanner Locker Room and QA Touch Game

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「2023 Bookfair Exhibition」

Logic Game, Drawing Scanner & Floor Projection, Speech
Recognition & Multi-touch Game



Digital Touch Logic Game



Digital Drawing Scanner + Floor Interactive Projection



Speech Recognition



Multi-touch game for multi-player



香港書展
綠色閱讀世界
2023年7月19日至25日
香港會議展覽中心