

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

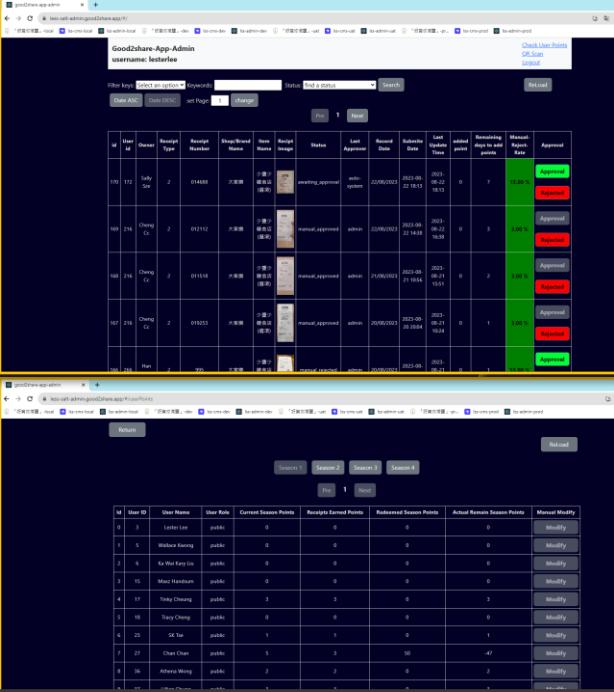
Backend(API): Node.js, Strapi

372 entries found

Receipts Upload with OCR Checking

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

Frontend Receipts Approver Page (React.js)



ReceiptApproveRecord

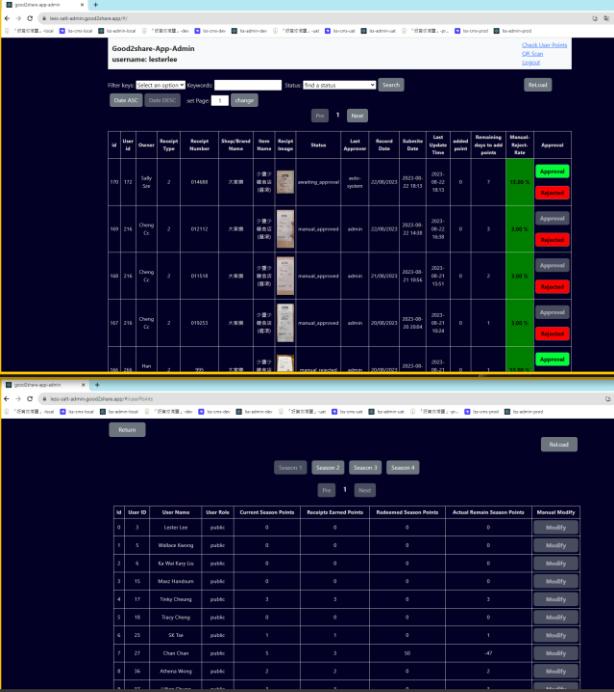
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Receipts Upload with OCR Checking

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

Frontend Receipts Approver Page (React.js)



2

「Hermes Fabric Projection」

Projection + Pedestrians Detection



Onsite Calibration + Setup



Python Human Detection + Multiscreen Video Playback

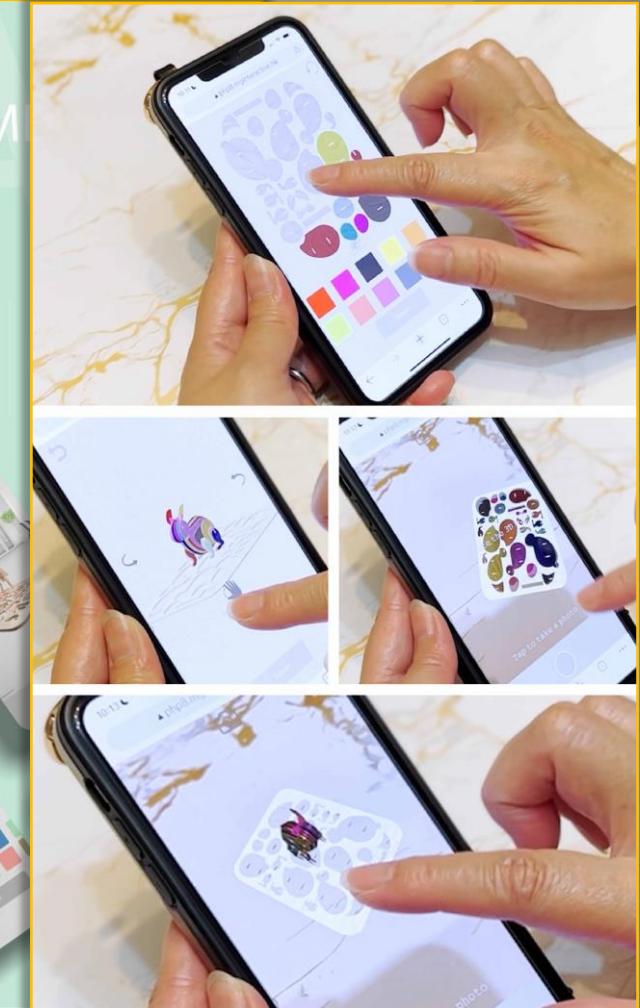
3

「Hermes AR」

Mobile and Website AR



AR Puz

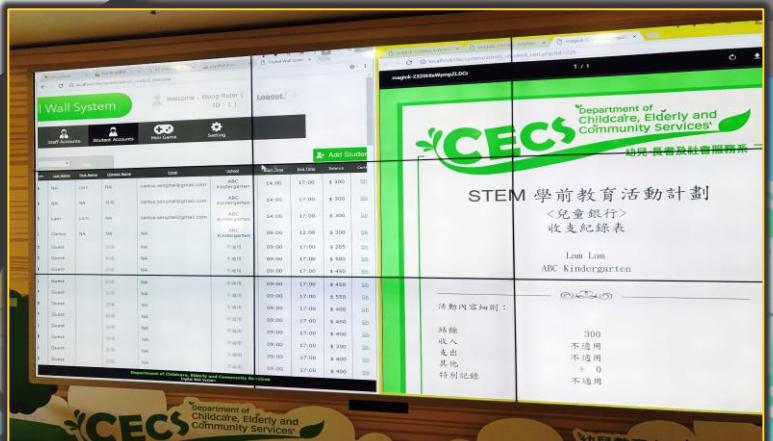


Frontend Development with Responsive UI and AR Tracking

4

「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

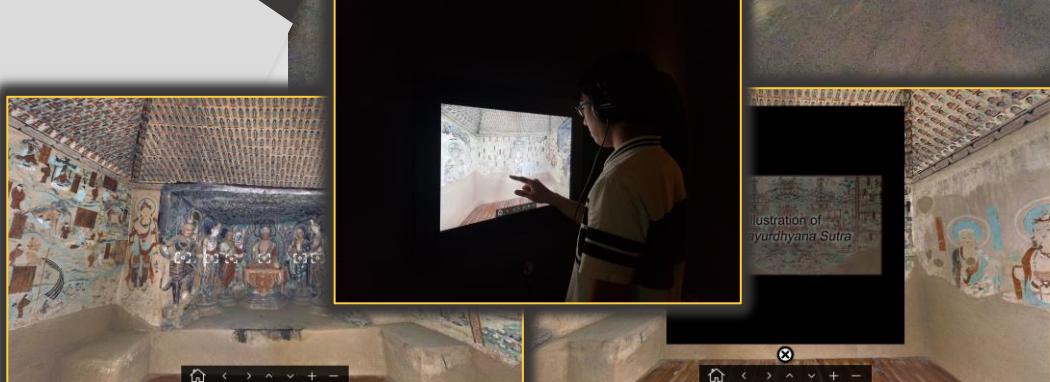


「香港文化博物館- 敦煌展2018」

2018-Dunhuang-VR-Cave-虛擬洞窟探微



Cardboard & Panoramic



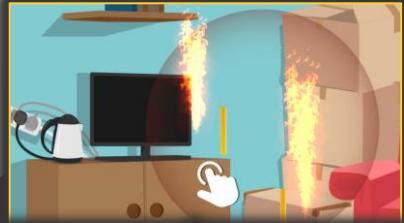
Web 360 krapno



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 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



香港科學館
HONG KONG
SCIENCE MUSEUM



2D-Game-Painting (Android-Platform)

繁體中文



請選擇語言

简体中文



Communication with Client-Server

English

8

「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

9

「香港文化博物館- 金庸展」

2017-HKHM-Jin Yong Hero Trip-大俠遊蹤



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!



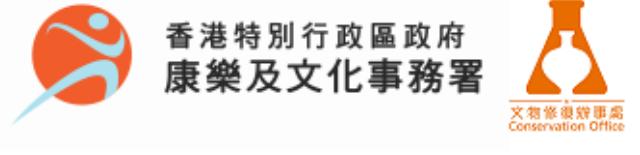
Public Launch Support



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



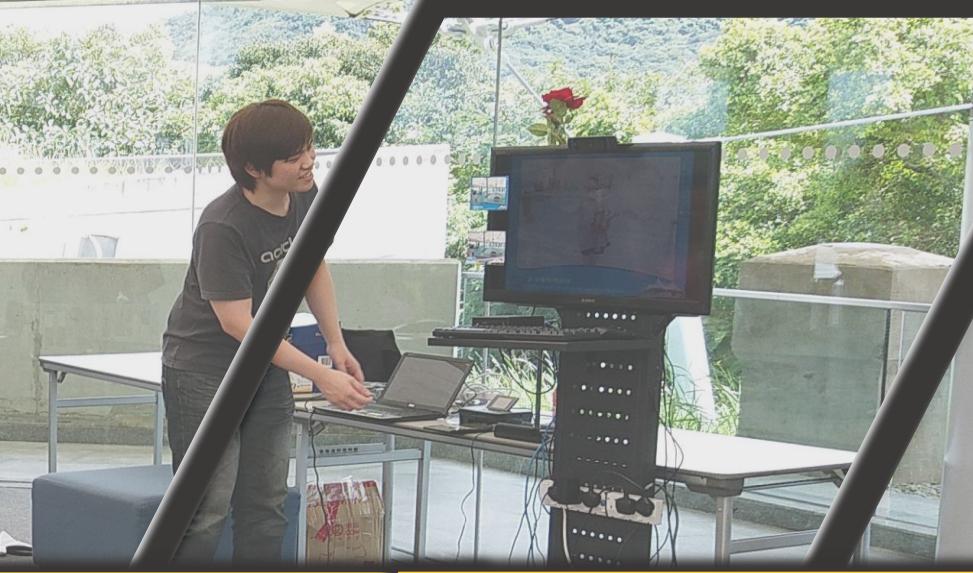
Public Launch Support

「香港海防博物館」

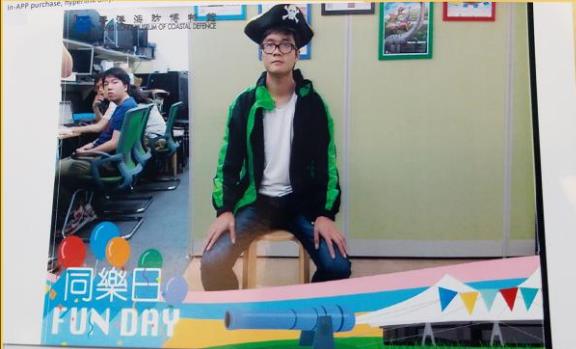
2017-HKMCD Photobooth-同樂日



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

13

「香港貿易局」

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



Photo AR with Video Playback



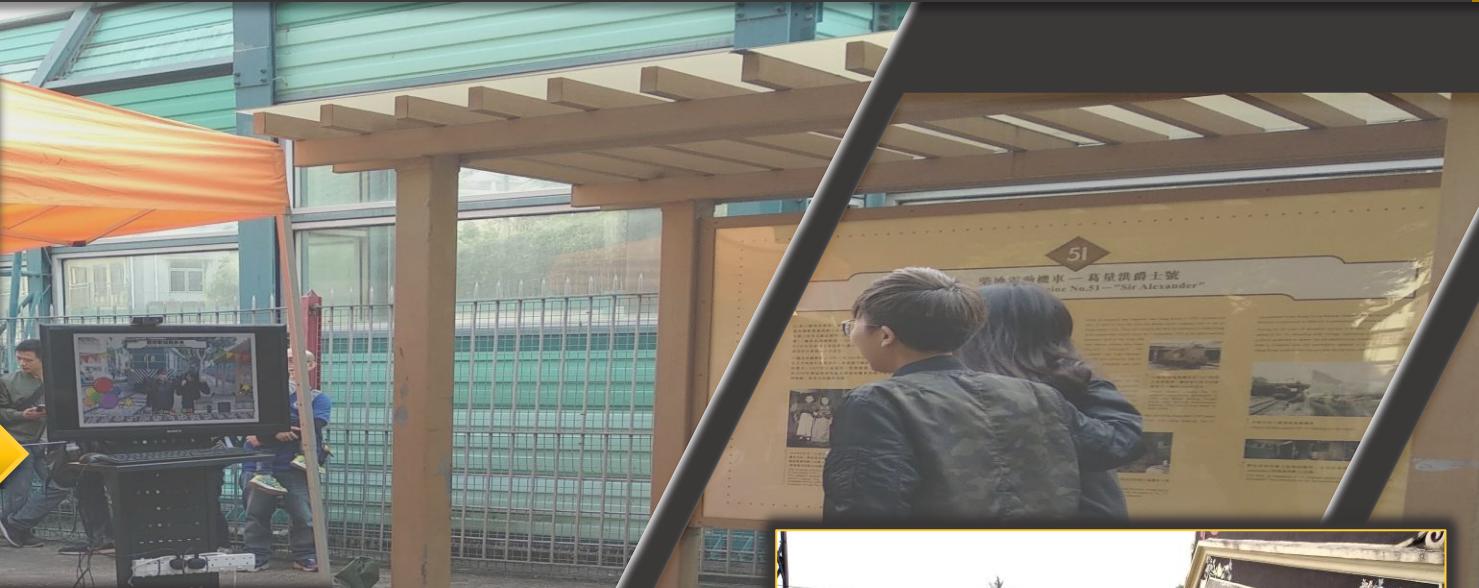
Kinect-Photobooth (Auto-photo-printing)

「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
行走的距離，平均速度及時間。祝



3D Environments Develop

你有一個愉快的單車遊！



Application with Motion Sensor

16

「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



The screenshots show the 'Delivery Address' and 'Custom Information' steps of the app. The 'Delivery Address' screen includes fields for 'Contact Person / Company*', 'Address*', 'City*', 'Destination*', and buttons for 'Back', 'Cancel', and 'Next'. The 'Custom Information' screen shows a required field for 'Please Select' with a note: '(* Required Field) ^For merchandise/sample only (If any)'. It also includes an 'Add New Item' button, a note about total weight and value, and similar navigation buttons.

Both Android & IOS
Function Enhancement

This screenshot displays the introductory screens for the feature. The top screen is titled 'What is Easy-PreCustoms?' and the bottom screen is titled 'Please select item:'. Both screens include descriptive text and icons related to mobile devices and computers. Navigation buttons 'Back', 'Cancel', and 'Next' are at the bottom.

This screenshot shows the 'Mail Item No*' input screen. It features a large text input field, a barcode scanner icon with the word 'SCAN', and a sample of a handwritten customs declaration form. A note '(* Required Field)' is present. Navigation buttons 'Back', 'Cancel', and 'Next' are at the bottom.

18

「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

「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

24

「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



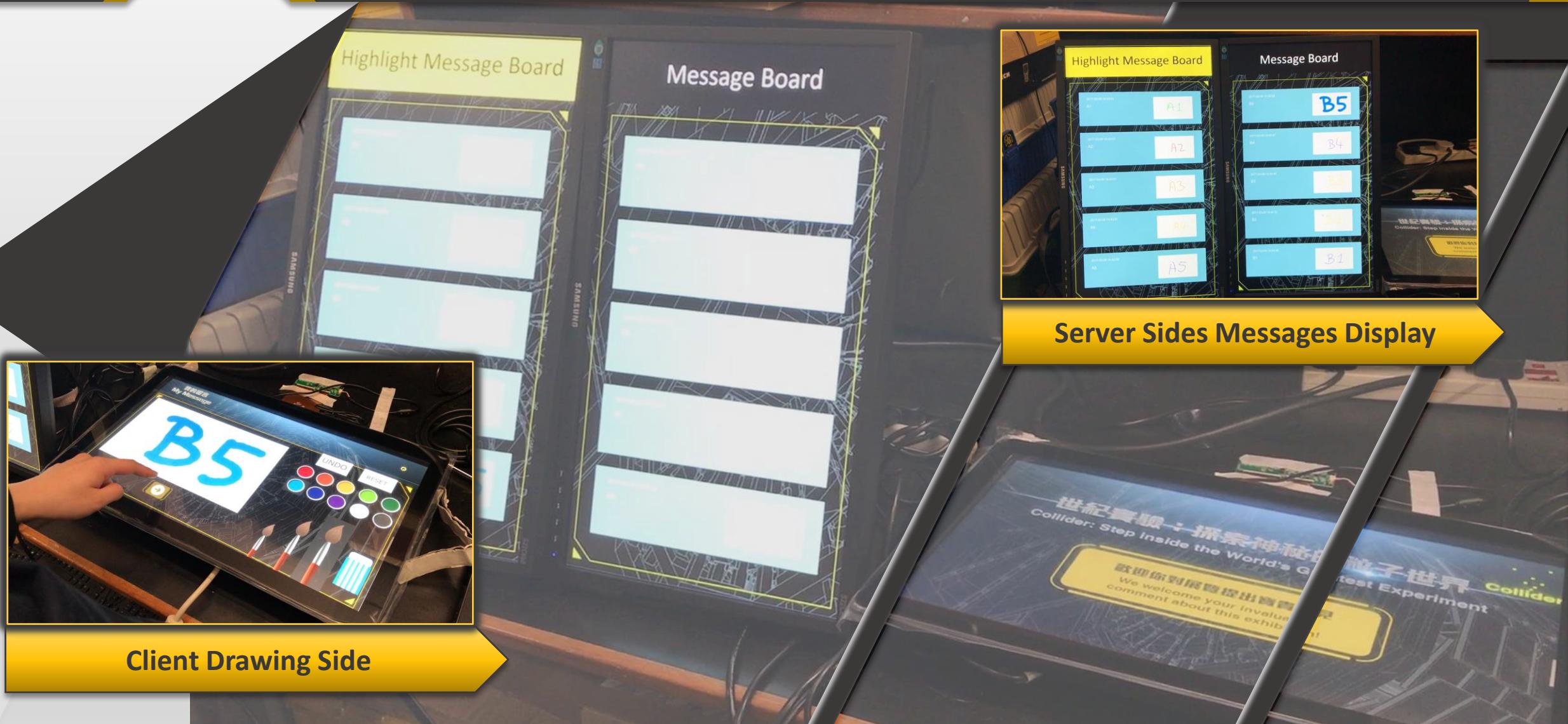
Public Launch Support



8 Meter Touch Wall & Projection Edge Blending

「科學館」

2019-HKSCM-EMSP Maintenance-留言板系統



26

「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統

Develop Virtual Motor Skills Training System for the Elderly with Cognitive Impairment

人同時出現認知障礙和運動能力的問題，並會限制其出外的機會。長者在日常生活上更需要依賴他人照顧。



VR Mini-games & Mission Tasks



與患有認知障礙症的長者一起生活，會增加他們在日常生活中遇到危險的風險。

3D Environments

報告格式:						
Step	Cycle	Reaction Time(s)	No. Of Cues	No. Of Trials	Preservation	Correctness(%)
1	Name:	tester	123			
2	Age:	123				
3	Gender:	M				
4	Level:	0				
5	Resistance(LV):	1				
6	Cycle:	194				
7	Reaction Time(s):	445				
8	No. Of Cue(s):	0				
9	No. Of Trial(s):	35				
10	Preservation:	6				
11	Correctness(%):	82.9				
12						
13						
14	Step	Cycle	Reaction Time(s)	No. Of Cues	No. Of Trials	Correctness(%)
15	w1_Step	62	80	0	1	0
16	w1_FixBike	0	0	0	1	0
17	w1_CrossRoad	0	45	0	1	0
18	w1_LoveRoad	0	45	0	1	0
19	w1_PickFood	0	6	0	12	0
20	w1_Calculation	30	11	0	1	0
21	w1_Monsterate	0	22	0	1	0
22	w1_RowOrder	0	5	0	1	0
23	w1_CookFood	0	25	0	2	1
24	w1_Fix2	0	35	0	2	1
25	w1_CrossSandwich	0	12	0	4	1
26	w1_BirdSgs	102	84	0	1	0
27	w1_Catchbirds	0	90	0	7	3
28						57.1

Analysis Data Report





「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



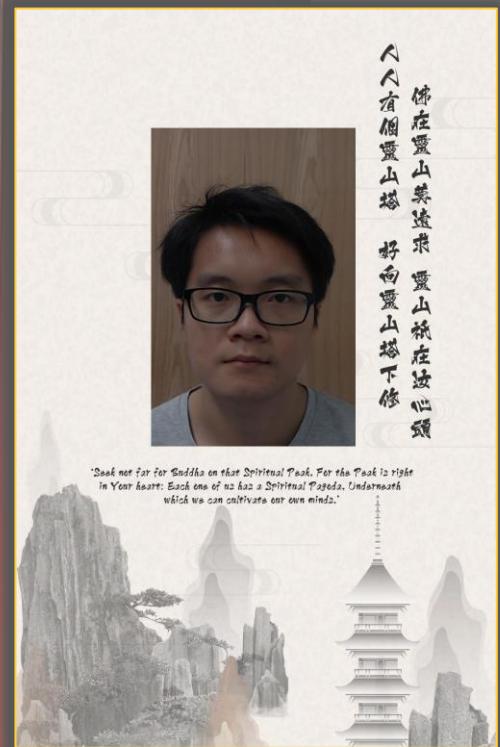
Logic for mini games

「天壇大佛之如來如去展覽」

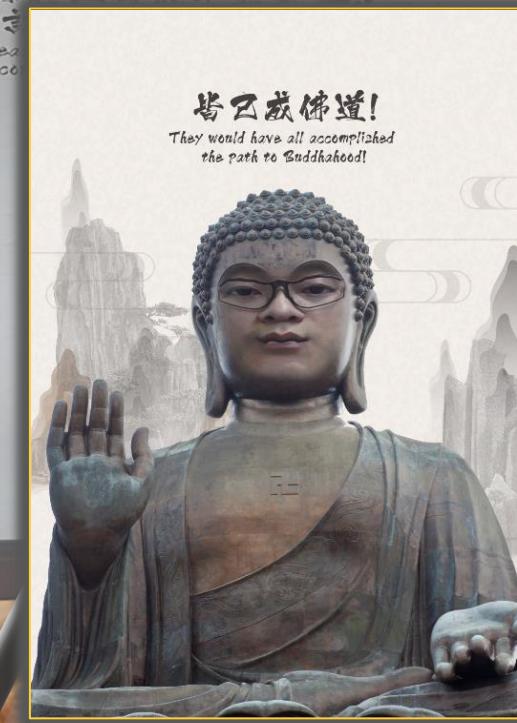
2021-Thus Come Thus Gone Exhibition



Onsite Installation



User Face Detection & Photo Capture



User Face Mask Fusion

「虛擬背景 Photobooth」

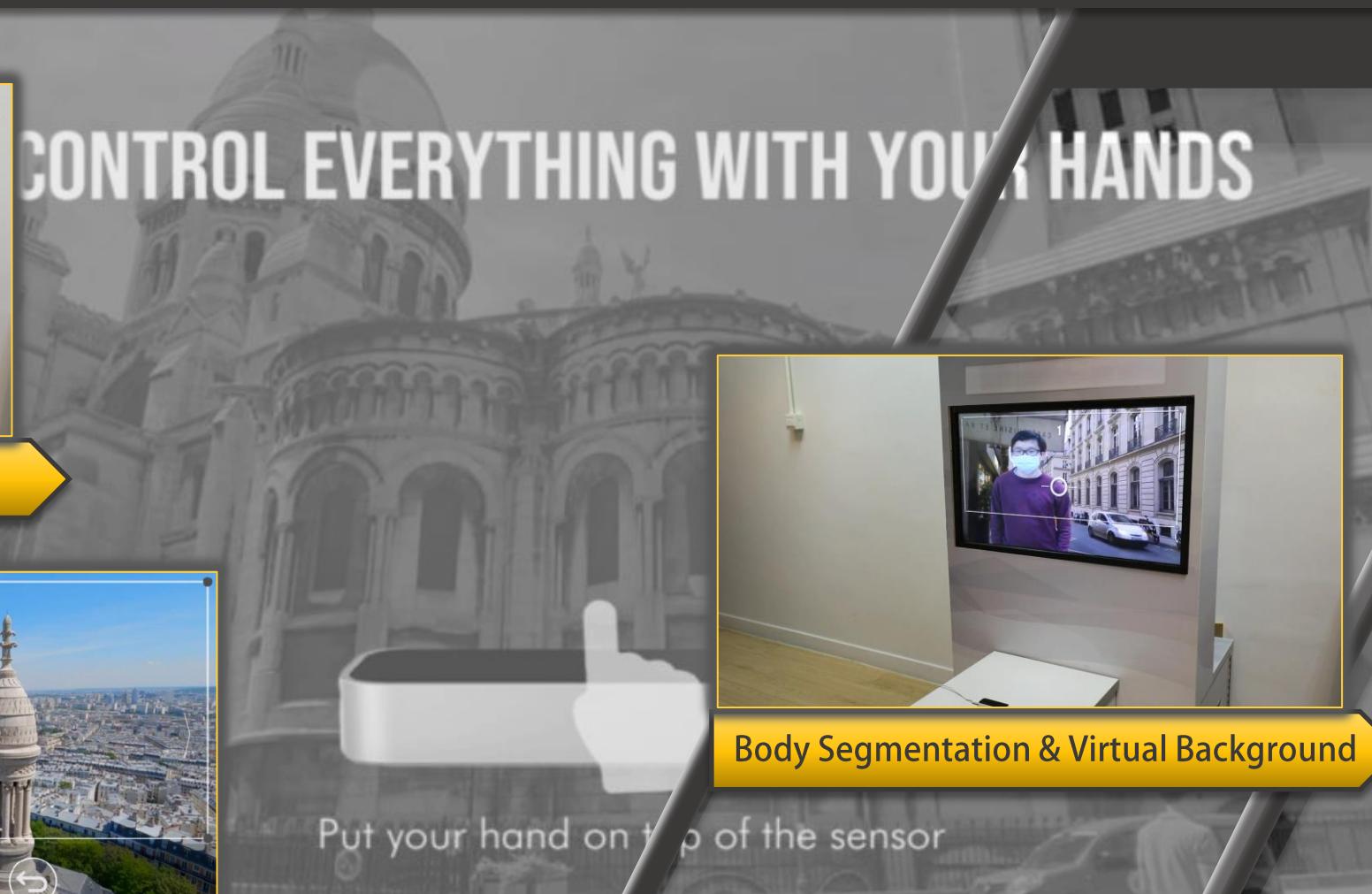
Virtual Background Photobooth



Leap Motion / Hand Gesture Control



Simple UI Interface & Logic Control



Body Segmentation & Virtual Background

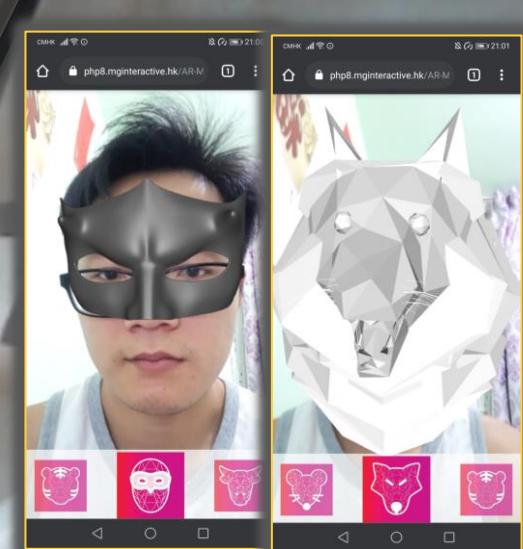
Instruction

「AR-Masks」

AR Masks Application for Multiplatform



Unity Window Standalone AR App

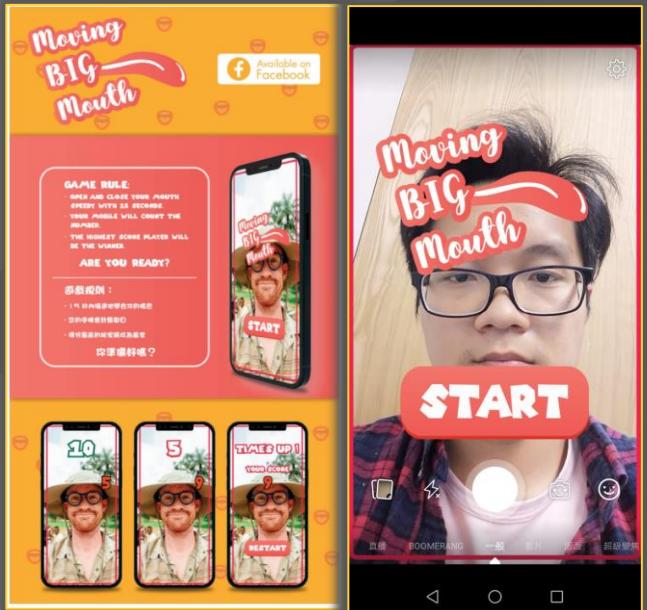


Mobile Web-base AR



「AR-Filters」

Facebook & Instagram Filter Apps



Mouth Mini-game



Facial Tracking

Features



Mobile Mini-game



Masks & Background Filters

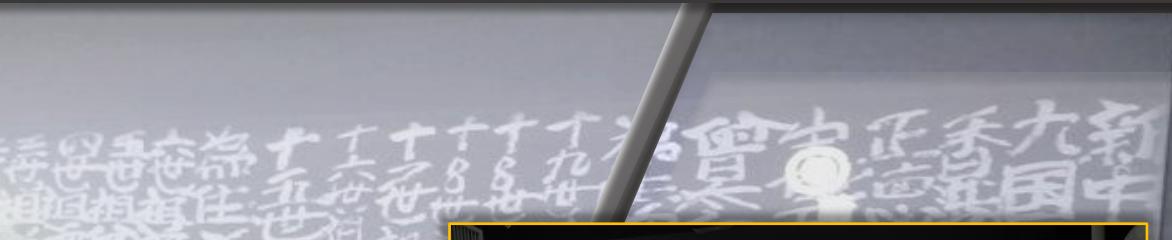
Available on FB platform

「Digital-ART-Fair in Asia 2021」

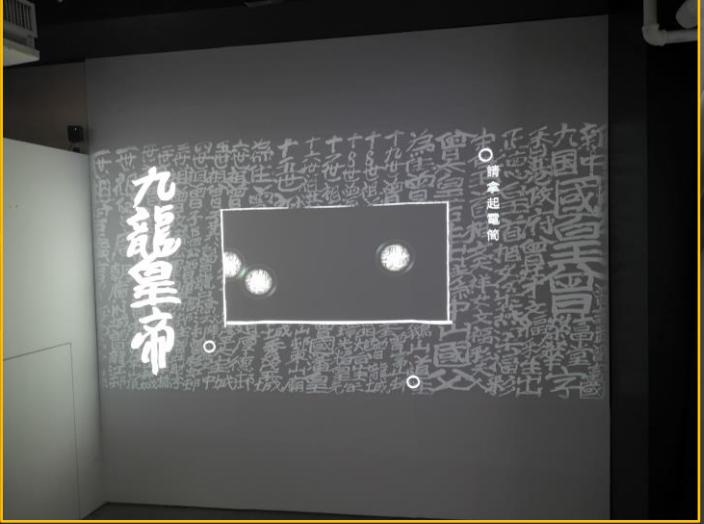
Kowloon King Ink Torch App



Projection Display + Stream Vive Tracker Detection



Unity Shader Mask Effects



「Pacific Place Christmas Photobooth」

Photobooth



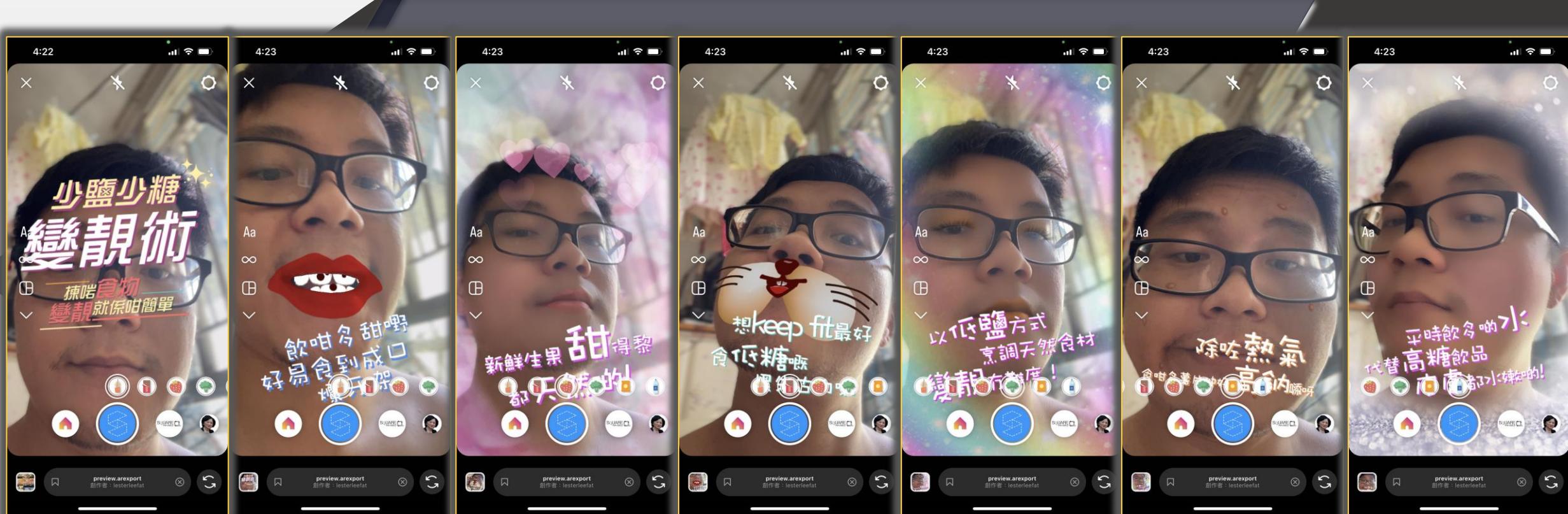
Photo-shooting App Development +
Onsite Calibration



Printing Output

「少鹽少糖變靚術」

Facebook & Instagram Filter Apps



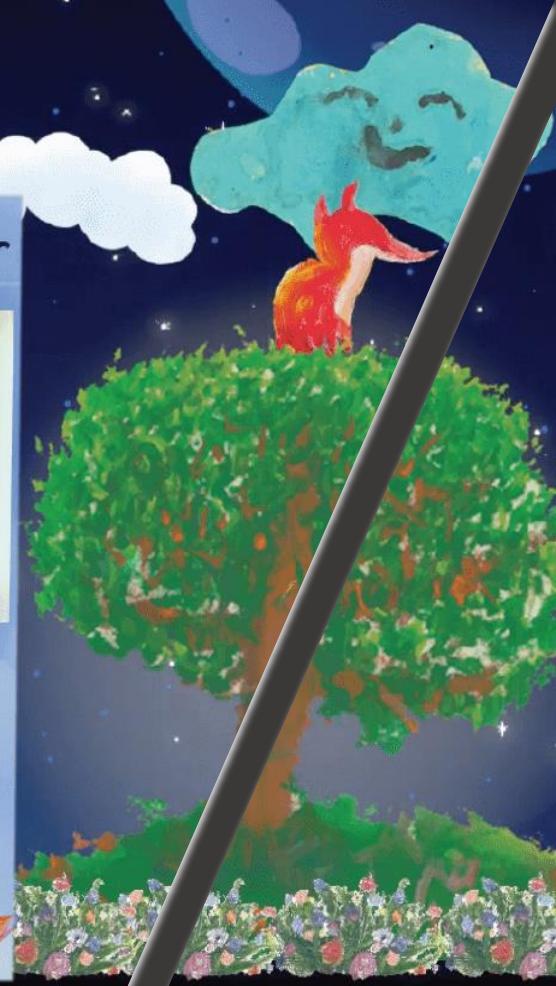
Multi-effects with mouth, retouch, beautify, distortion, custom-face mask effects

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」

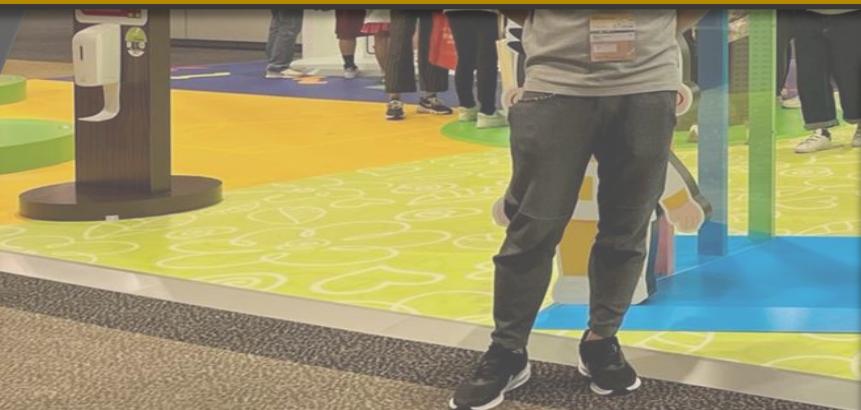
VR + Game Kiosk + AR Photobooth



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
BOOK FAIR



Digital Touch Game + AR Photobooth + VR Torch Projection



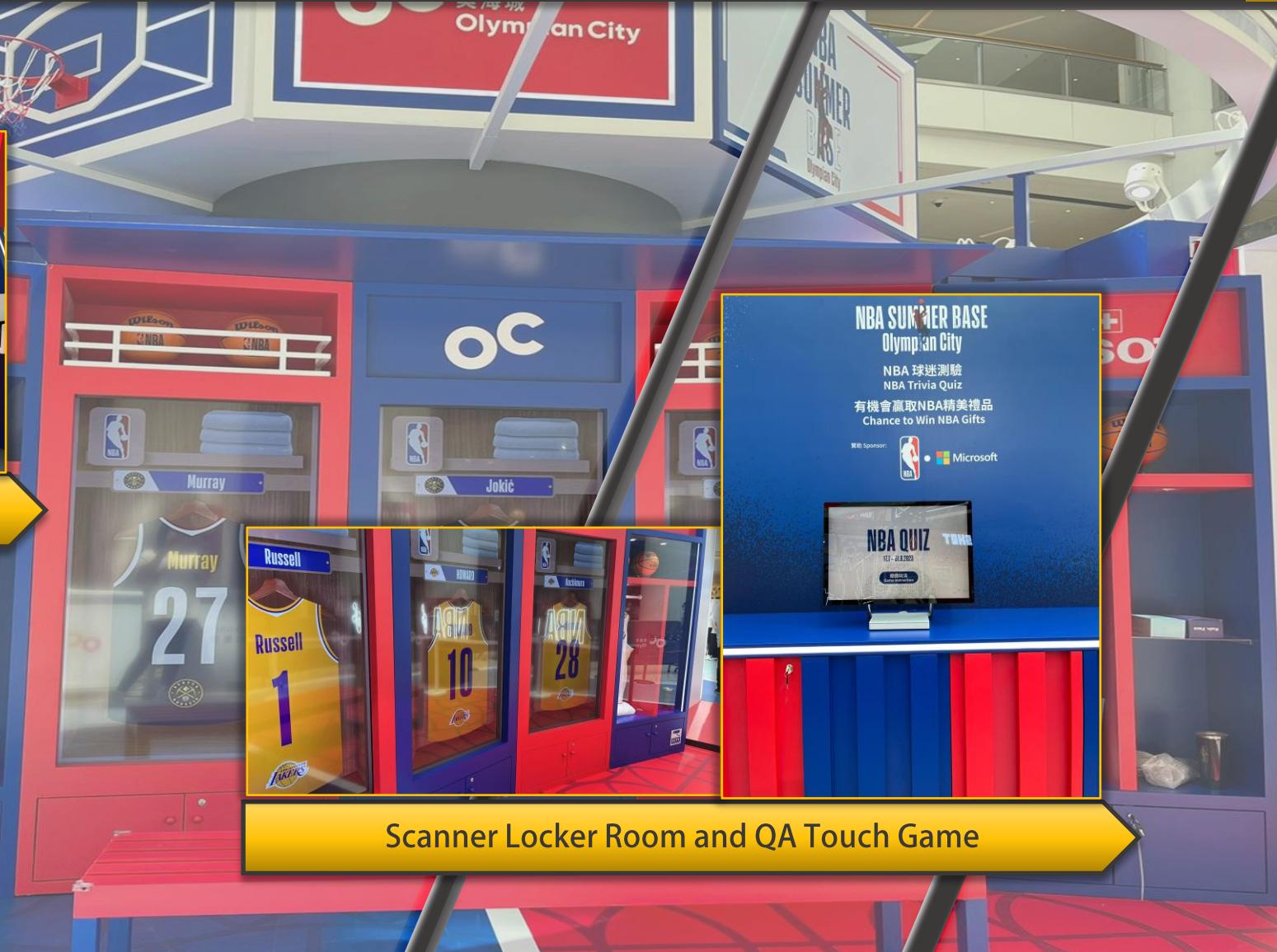
RFID Table + Onsite Setup

「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
於香港閱讀世界
2023年7月19日至25日
香港會議展覽中心

「HKSTP-InnoCarnival2023」

Kinect Motion Detection Game



Unity Kinect Game for Motion Detection



「Friso美素佳兒」

Interactive Touch Wall



Digital Multi-Touch Control for 3D Animation



LED Wall with Cutting-edge Touch Sensor



「動漫大本營 ANI-COM Festival 2023」

Interactive Wall & Floor & Photobooth



Immersive Projection and Sensor Interactive



Photobooth Software & Hardware Setup



QR Code for photo download & sharing

「Pioneer Centre Twisting Christmas」

Lucky Draw Gift Game



Booth Software & Hardware Setup



Game Logic and 3D Animation Control