



Integrated Health Care Voucher and
the Elderly Health Services Mobile Application



1. Elderly Health Care
Voucher (HCV) Scheme

Background

Aged **65** or above

1 year (annually)

\$2000 voucher amount

\$4000 accumulated (Account based)

Wealthfare

Designated **H**ealthcare **S**ervice **P**roviders

Maintain the **H**ealth of **E**lderly



2. Motivation



Existing Problems (HCV web service)

- Inconvenient & not user-friendly
- Hard to determine the designated healthcare service providers

The screenshot shows the eHealth Hong Kong website interface. At the top right, there is a logo for 'eHealth HKSAR.GOV.HK' with a stethoscope icon. Below the logo, there are links for 'Pure Text Version' and 'English'. The main content area has two sections:

- 查詢醫療券 (Query Medical Voucher):** This section asks for a Hong Kong Identity Card number and birth date. It also features a sample of a Hong Kong Permanent Identity Card.
- 已登記醫療服務提供者名單 (List of Registered Medical Service Providers):** This section allows users to search by name, address, or specialty. It includes a search bar, checkboxes for address type, and dropdown menus for location and specialty. A sidebar lists various government health programs.

At the bottom, there are buttons for 'Reset All' and 'Search'.

Existing Problems (Elderly)

- Easy to forget the balance of HCV
- Easy to forget when to take medicine and how much to take
- Communication barrier between the elderly and doctor

Why now?

- Population ageing
- The eligibility age for from 70 to 65 with effect from 1 July 2017
- Not existing solution for this specific local health case services

3. ESeeHealth

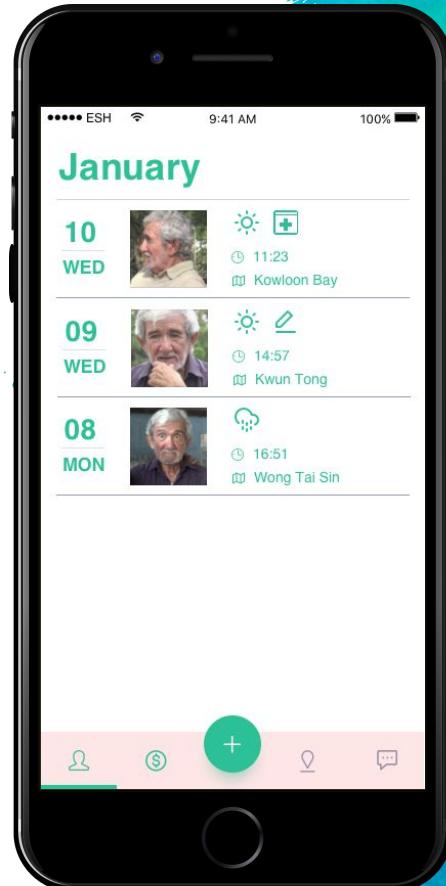
Features

Access anytime, anywhere with any device

- Web
- Mobility
 - Mobile
 - Tablet

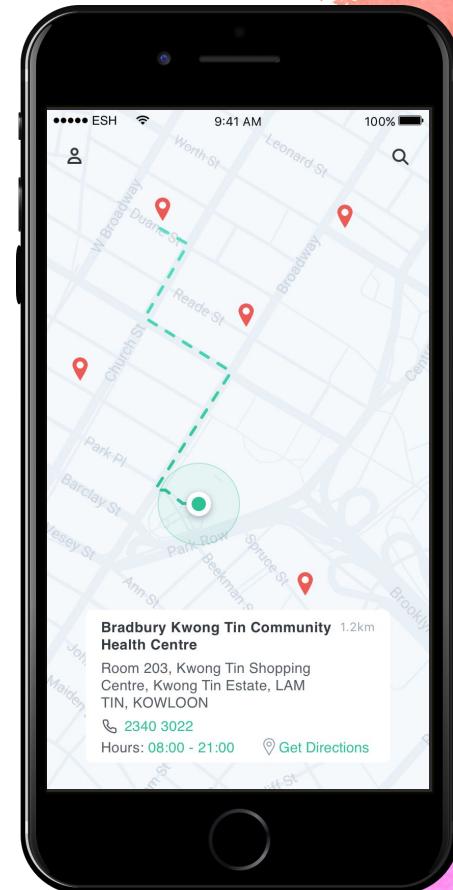
Modifiable font size

Language support Chinese and English



ESeeSearch

- GPS
 - Show the nearest enrolled healthcare service providers according to the current location
 - By clicking the mark on the map, GPS will guide user to the destination



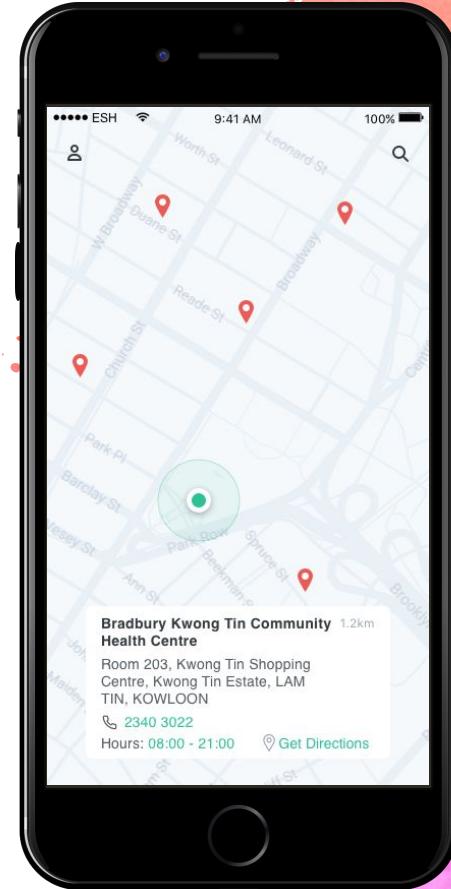
ESeeSearch

- By district/ service type(e.g.medical, Chinese medicine, dental...)



ESeeSearch

- Clinic Information
 - Location
 - Phone Number
 - Doctor
 - Opening Hours



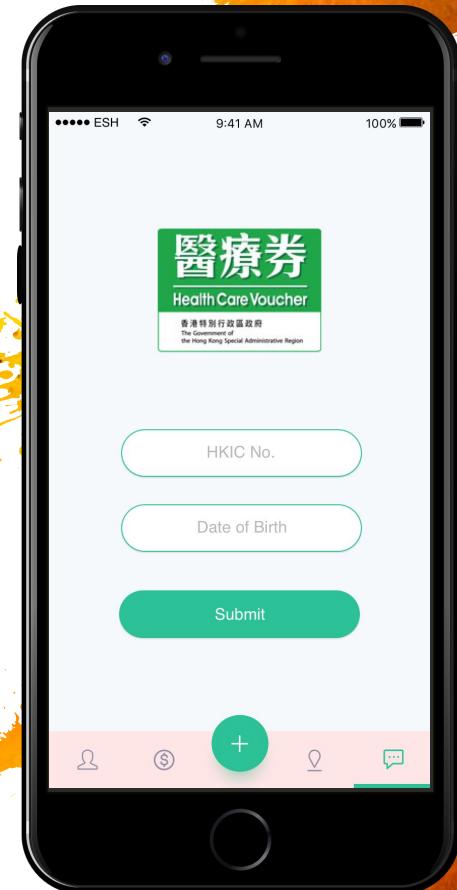


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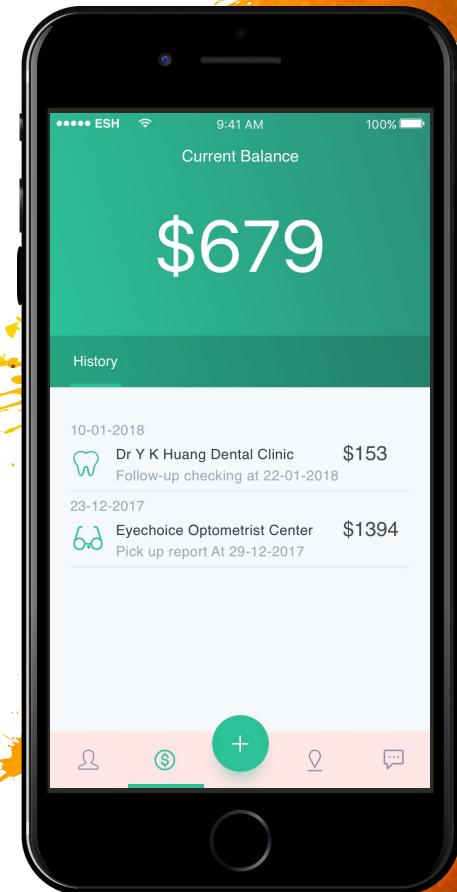
HCV Balance Enquiry

- Service for checking the balance of HCV
 - Enter HKID number and date of birth
 - Show account balance
 - Avoid HCV to exceed the maximum and be wasted
 - Encourage to utilize the HCV to maintain healthy



HCV Balance Enquiry

- Better enhancement
 - More functions but more simple
 - Provide history and reminder



Transfer Data From clinic to user

- Via QR Code
- Data
 - Next appointment time
 - Medicine
 - Directions
 - Medical Fee



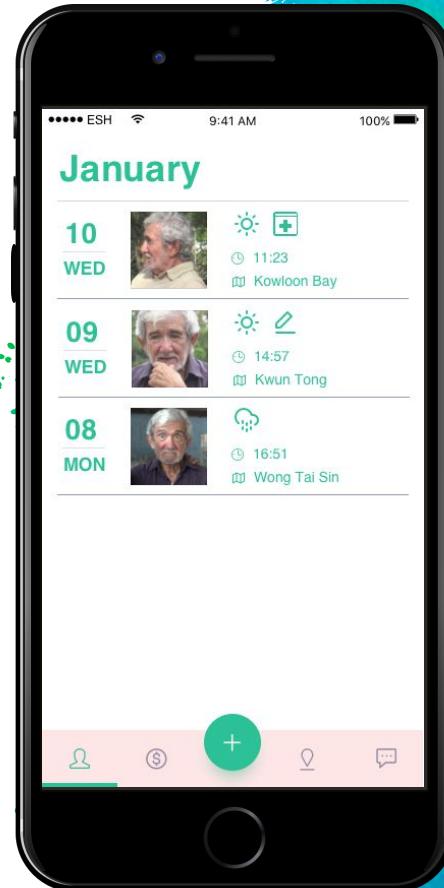
SnapCheck

- illness >> symptoms
- Patients & people around them may not be able to notice
- Doctors may not be able to notice within a few minutes of consultation
- Cost(health, financial) increases with time
- Reduce chance to miss golden opportunity to cure



SnapCheck

- Capture and store user's face for doctor's reference
- Use QR code to transfer data(photo) from user to clinic
- Assist medical diagnosis
- Help identify and cure the diseases (especially the chronic diseases)at the early stage



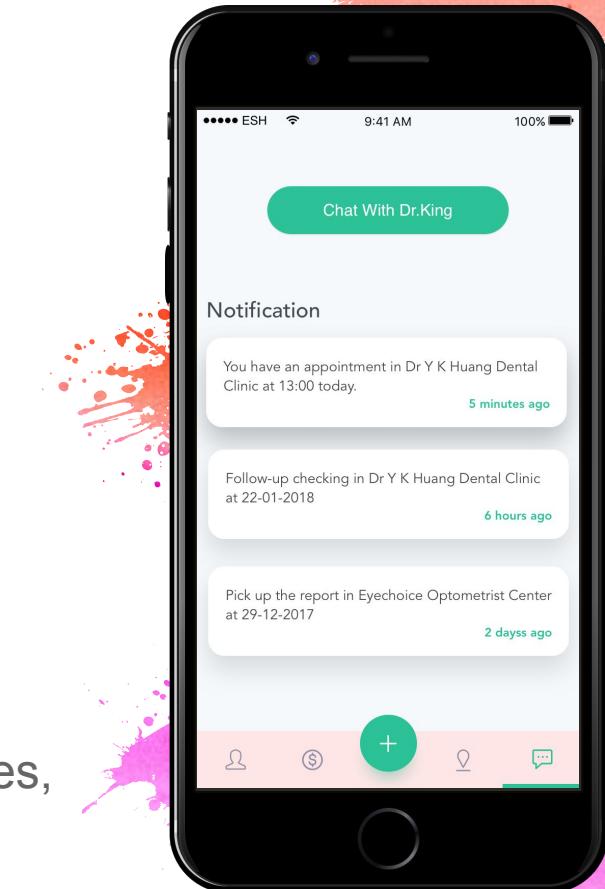
SnapCheck

Future Development

- Computer Vision (Face detection)
- Detected by smartphone
- Generate warning
- Suggest patient to go to see doctor

Dr. King (Dr. 傾)

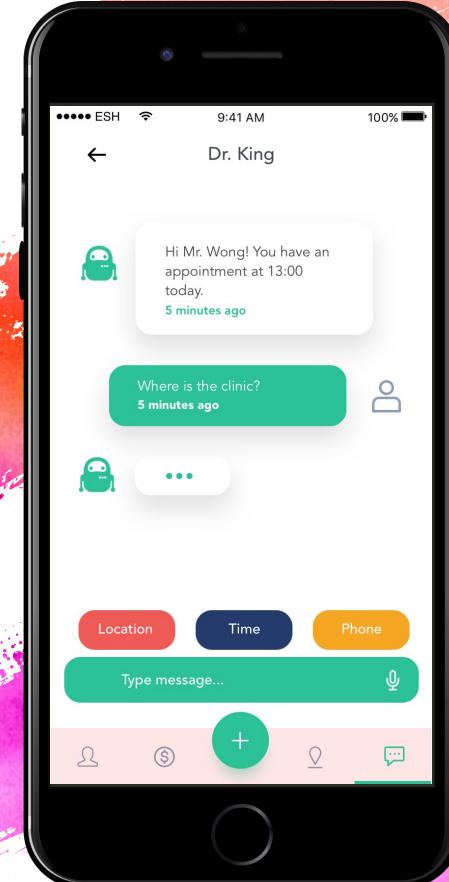
- Built by Microsoft Bot Framework
- Notification
 - Remind user to snap a photo for record everyday
 - Remind the appointment time of user
 - Pop up many useful health care tips(vaccination scheme)
 - Give advices on general illness e.g diabetes, hy, osteoporosis etc...



Dr. King (Dr. 傾)

- Handle questions instantly (FAQs)
 - Queries about HCV scheme
 - Information on symptoms and common health problems

The screenshot shows the "Elderly Health Care Voucher Scheme Frequently Asked Questions and Answers for Voucher Recipients". It includes sections for "I. Eligible persons" and "II. Services covered by the Scheme". A sidebar on the left lists links such as "Background of HCVS", "Account Creation and Use of Vouchers", "Pilot Scheme at the University of Hong Kong - Shenzhen Hospital", "Enrolled Healthcare Service Providers List", "Voucher Balance Enquiry", "What's New", "Resources Corner", "FAQ", and "Contact Us".



4. Business Model



Partnership

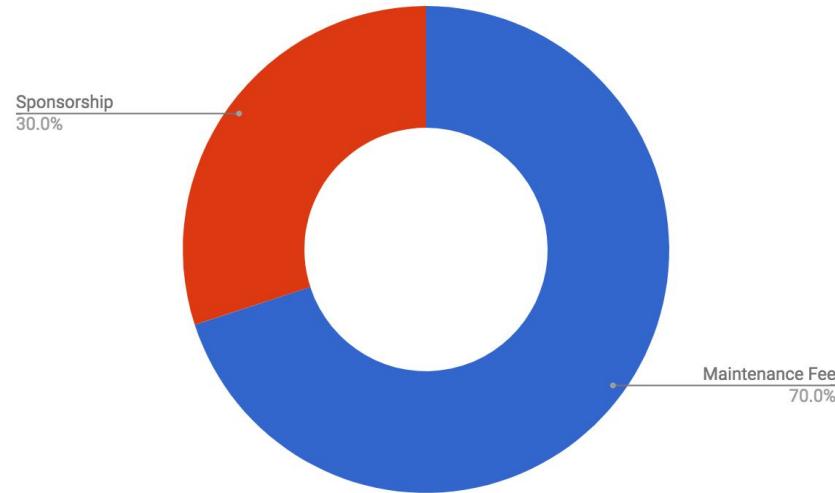
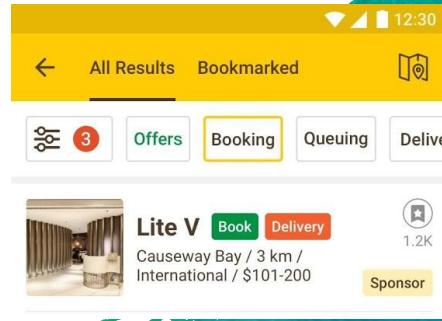
- Government: Department Of Health / OGCIO
- Private Hospital Association



衛生署
Department of Health

Revenue

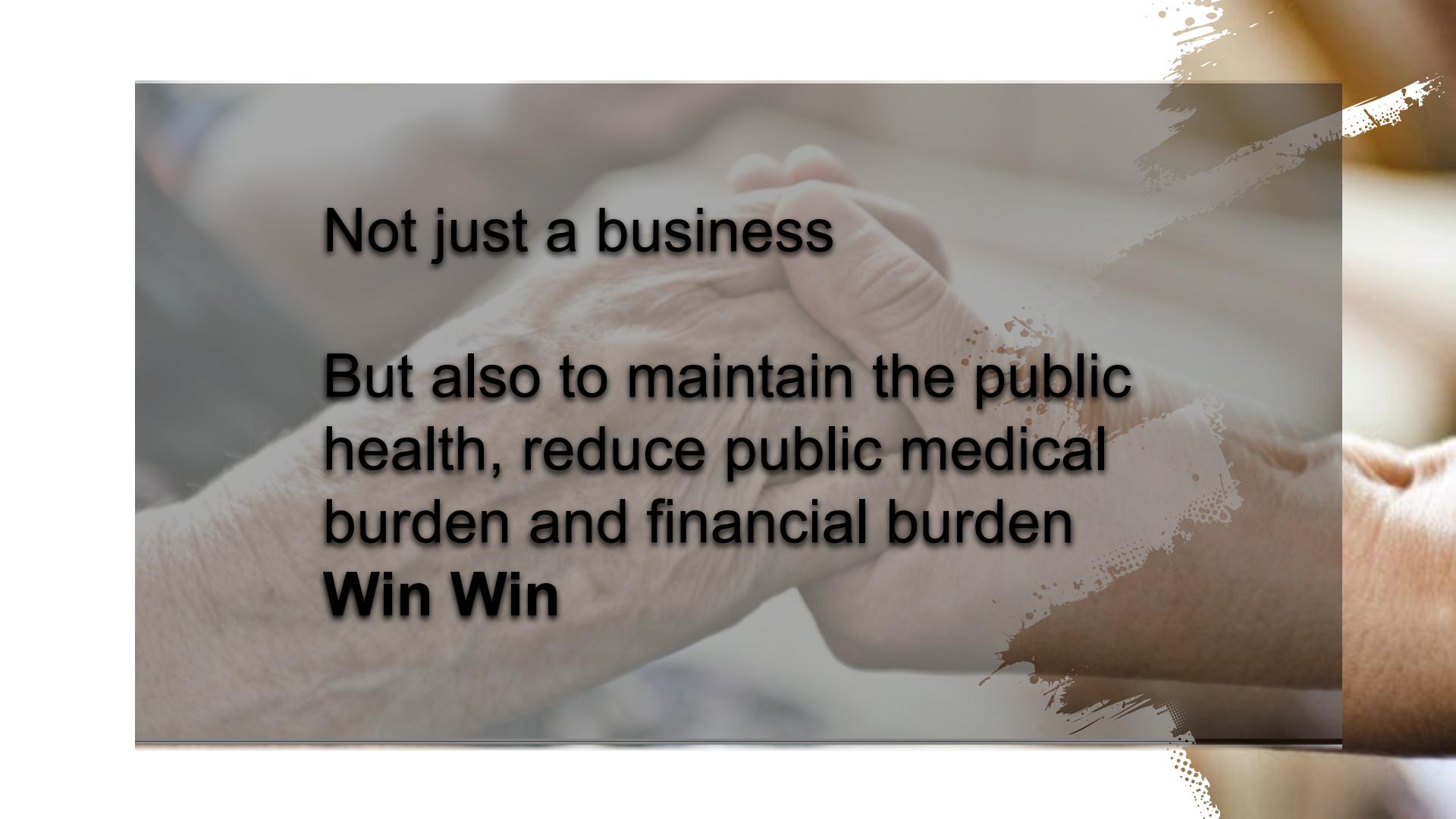
- Backend Maintenance & QRCode
- Sponsorship from Clinic
 - Higher priority in Search result
 - Place in obvious location



Risk & Future Plan

- Security: Encryption
- Accuracy
- Human Fault





Not just a business

**But also to maintain the public
health, reduce public medical
burden and financial burden**

Win Win