

# Functional Design of Personal Health Record Mobile Application facilitating Patient Reported Immunization Records

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# Key Takeaway

**Patient Friendly functional design**

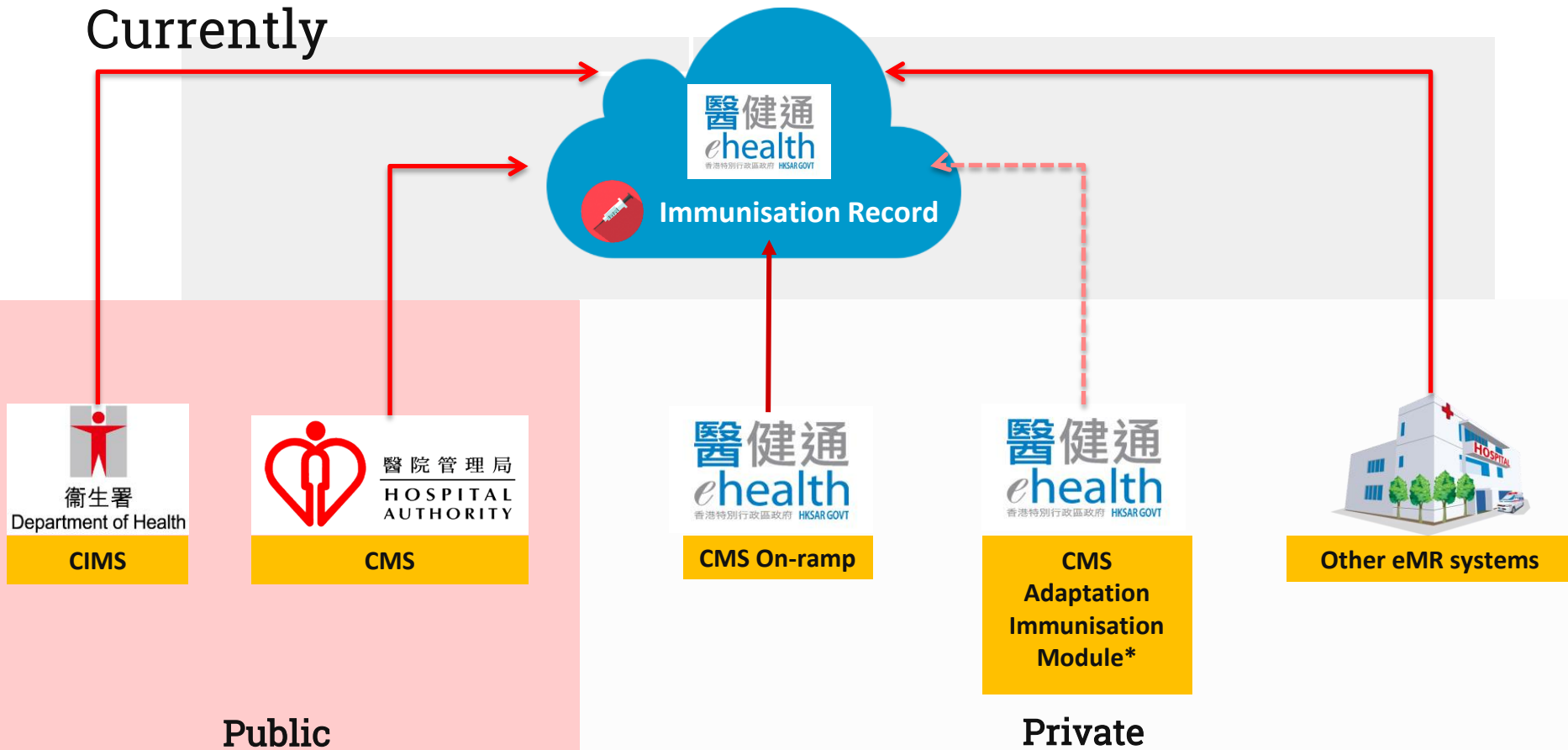
Of an eHealth System mobile application that can **Empower, Encourage** and **Engage** Patients to report health records



## BACKGROUND

*Territory-wide eHealth Record Sharing System (eHRSS) can facilitate **efficient sharing** of immunisation record information amongst HCP and soon, to the patient him/herself.*

# Currently

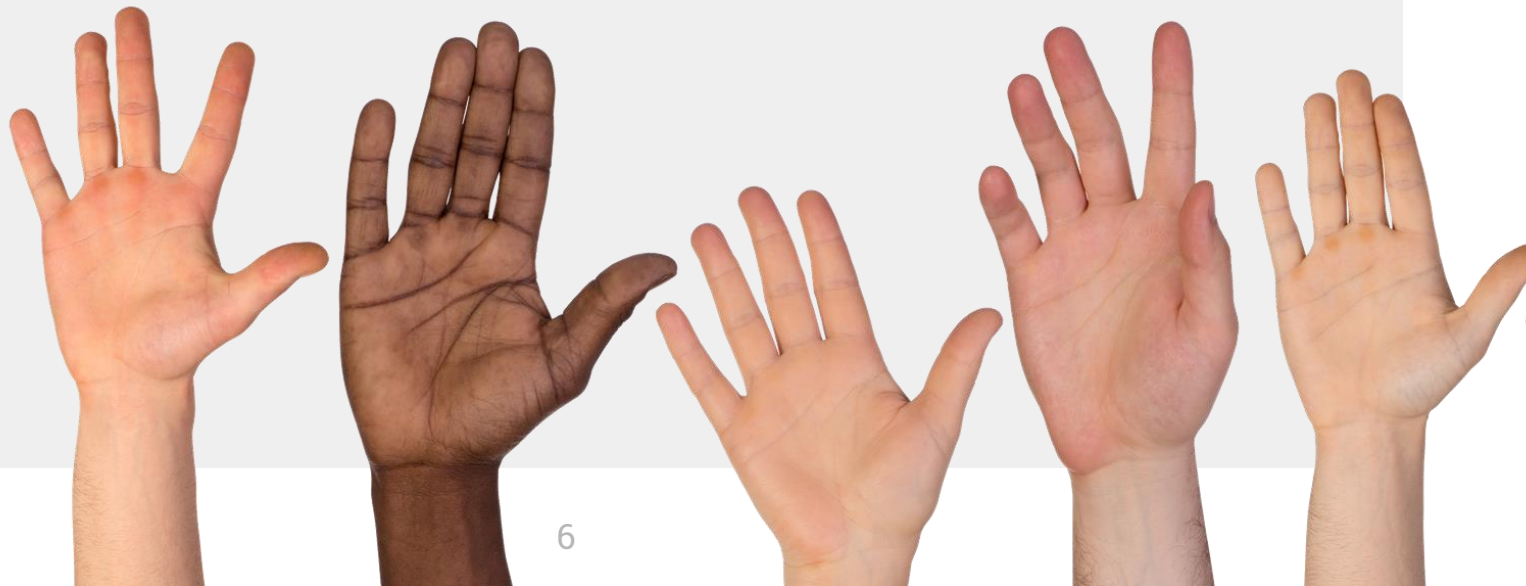


\*Coming soon



# Incomplete Record?

*Who else can help to share patient's record?*



# eHRSS Patient Portal Mobile App

- To develop a patient friendly design for patient contributed immunization
- To facilitate the sharing of patient contributed records to eHRSS in the later phase



# Key Challenges

## Language

- English vs Chinese (Hong Kong Cantonese)
- Healthcare professionals' vs Patients' preferred language

## Health Literacy

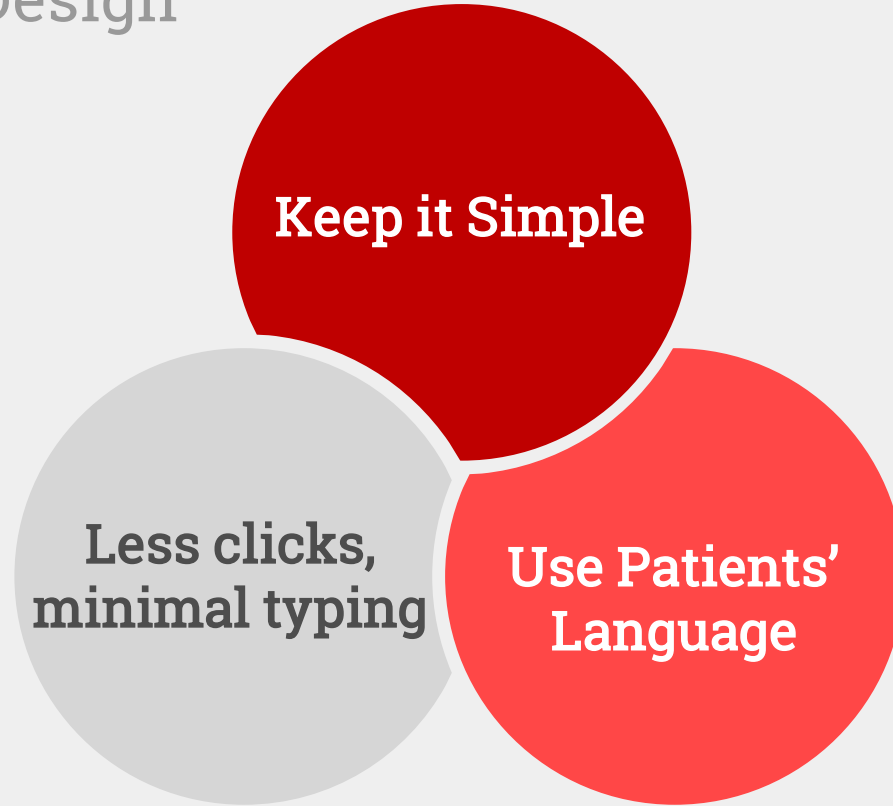
- Understanding of the information requirement for sharing data
- Medical jargon vs common alias

## User characteristics

- Large user population
- Variation in IT literacy
- No training



# Functional Design Concepts



# Keep it Simple (Data requirement)

1

Date

Only year is mandatory

3

Vaccine name

Simplified Vaccine Names

name

5

Other information

Optional

The image shows a smartphone screen displaying an 'Immunisation Record' form. The form has a teal header with a back arrow, the title 'Immunisation Record', and the time '3:43 PM'. Below the header, there are four main sections: 'Vaccine Name' with a search icon, 'Date Received' with a calendar icon, 'Place Given (Optional)' with a location pin icon, and 'Remark (Optional)' with a text input area. A teal 'Save' button is at the bottom. Red lines connect the form fields to callout boxes on either side.

Administration details

2

Route of administration  
Site of administration  
Sequence  
Not required

Vaccination Provider

4

Optional and simplified to layman terms

# Use Patients' Language

Human Papilloma Virus

HPV

Cervirix 卉妍康

Gardasil 9

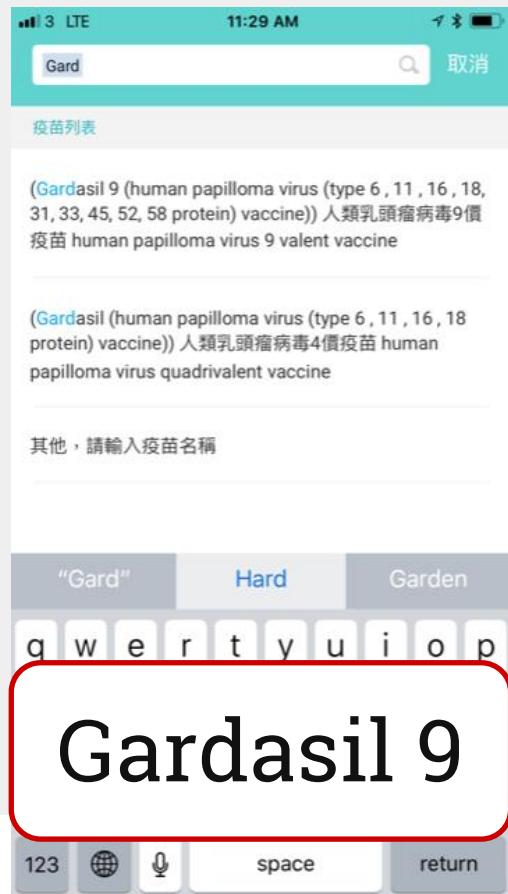
子宮頸癌疫苗

人類乳頭瘤病毒

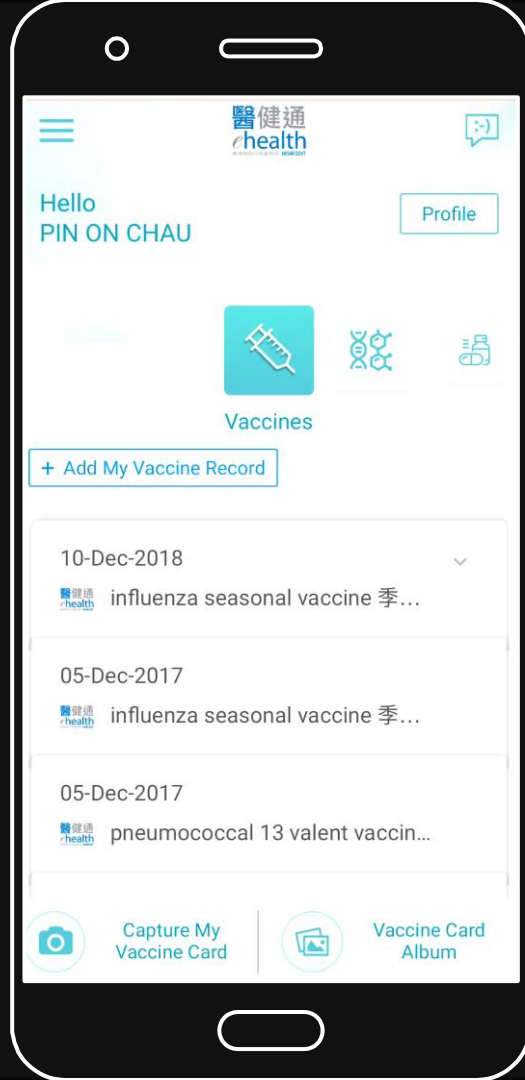
Gardasil 加衛苗



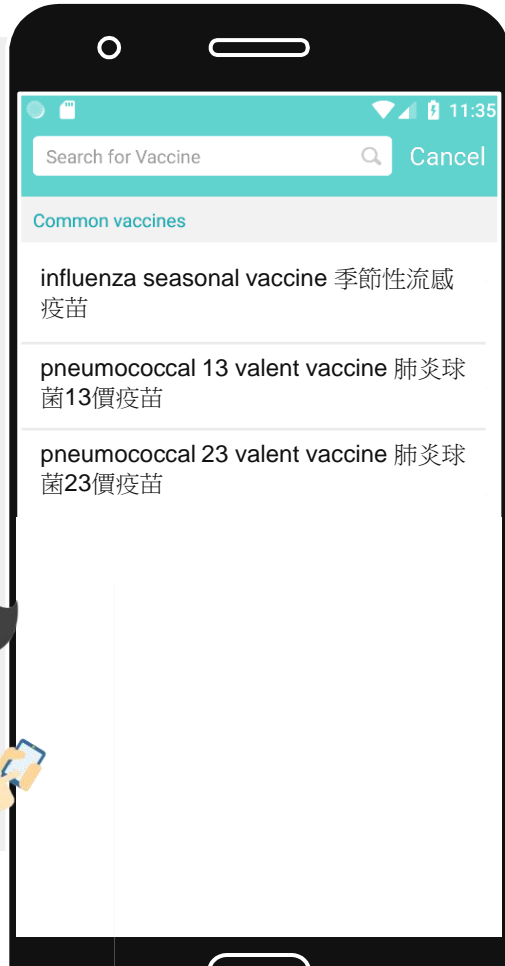
# Using Patient's Language



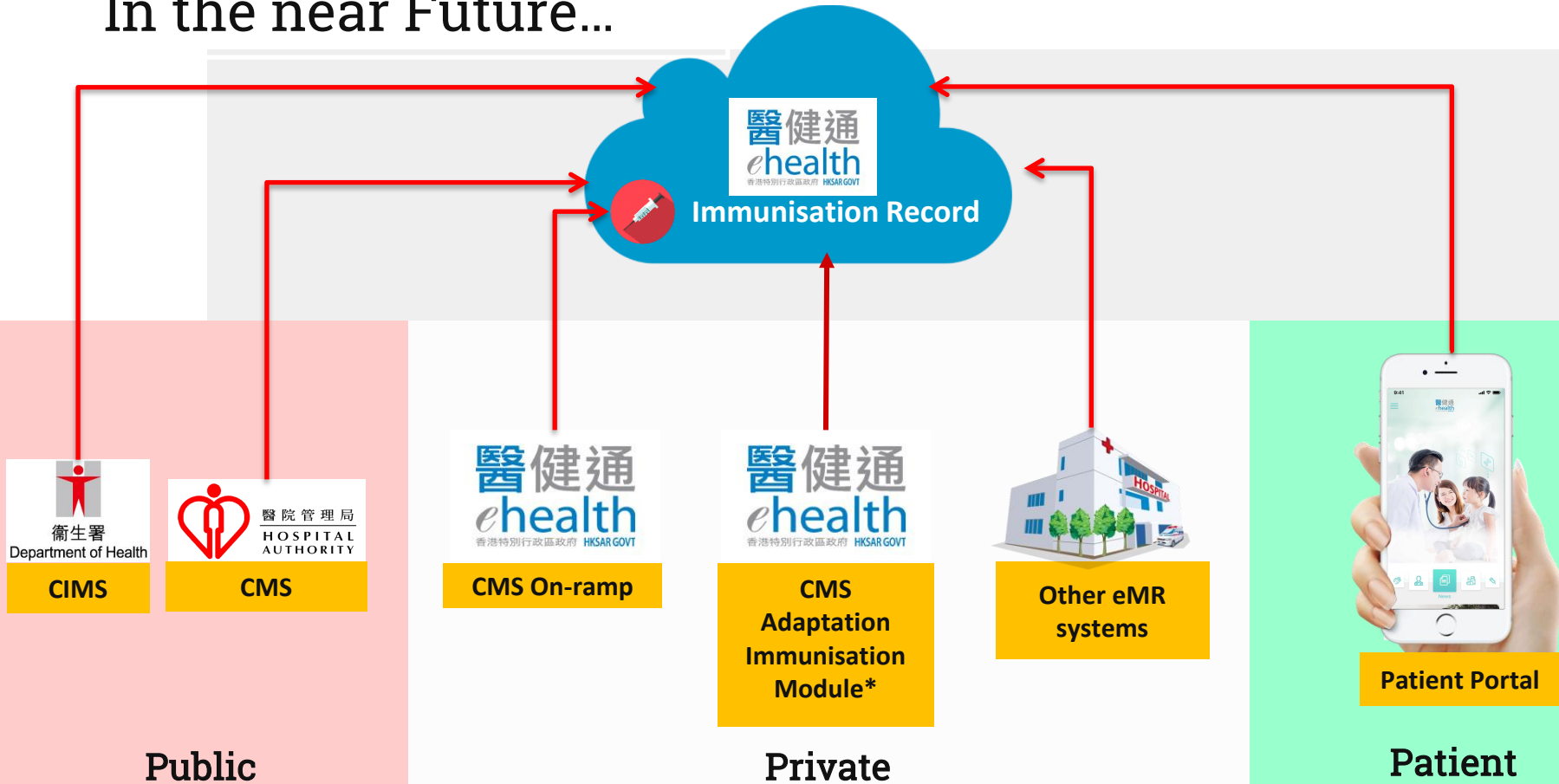
# Less Clicks



# Minimal Typing



# In the near Future...



- ✓ Simplify data requirement
- ✓ Map commonly recognized term to data standards
- ✓ Easy User Interface



**Thank you**

Any questions?