

Context: National Security Law

Everyone who has participated in a movement can be traced with this app

Tracing movement of ALL individuals, incl. activists?

- Who has access to data in the app?
 - Insurance Companies?
 - Chinese government?
 - HK Government?
 - Police?

Privacy concerns

mobile data collection beyond the app?
Android version: Can see what apps the user is running

Why not use Apple's bluetooth notification technology?

Waste of public funds

Necessity?

Hong Kong government COVID-tracing app "Leave Home Safe"

Artifact by Kyle Chan & Carmen Ng

- voluntary use
- no registration needed
- users are asked to scan QR codes of the public places they are visiting
- visits are recorded in the software
- when someone tests positive for Covid-19, the app will notify other users who may have been in the proximity of the infected person at a venue.

How does it work?

Vendors/ Restaurants/ Public places post QR codes for scanning

Individuals who visit a place must scan the QR code prior to entry on the app and record the time leaving the premise

The app will need to run in the background with network function and download ongoingly-updated COVID-19 infection data from the Government in order for the app to compare with users' venue check-in data

If a person is diagnosed with COVID-19, the department of health will look through this person's travel history on the app

App will notify other relevant users that they might have been exposed to COVID-19

Ways to improve digital self-determination

Buy a beater phone just for using the app

Insist on using paper forms

Clever use of app

Copy QR code and scan at home

Use OS built-in protection

Use flight mode

VPN?

set data access privileges?

Data collection and storage

Users can use without registration

No location tracking or GPS function

Data is encrypted and stored in the person's phone - no other platform.

Comparison of visit records and notification function will only be carried out in users' phone.

Visit records are kept on the user's mobile phone for 31 days before automatic deletion.

The terms of the app state that personal data "will not be kept longer than is necessary" for its purposes, but - if a user contracts Covid-19 - the data will be retained for seven years.

Data collection by the Government in case of confirmed infection

Only in the unfortunate event of a confirmed infection will the infected person be required by law to upload the relevant visit records and provide his/her name and contact telephone number to assist the CHP in contact tracing. (Source: HK Government PCPD)

https://www.pcpd.org.hk/english/news_events/media_statements/press_20210219.html