

行動化公費與實名制快篩地圖資訊應用

An Mobility Application on COVID-19 Rapid Test Map

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摘 要

臺灣受到新冠病毒疫情的影響，政府因應防疫需求，透過家用快篩試劑，提供民眾快速檢測，並先後推出公費家用快篩診所以及各大藥局實名制快篩販售。本研究透過行動化通訊軟體為基礎，建立行動化快篩地圖資訊應用，將政府快篩的開放資料導入，並結合使用者所在地為基礎地理資訊查詢，提供使用者周遭範圍的快篩診所或藥局，並依距離遠近排序，提供使用者地圖導航資訊。

關鍵詞：快篩地圖，地理資訊，行動化應用

Abstract

Affected by the novel coronavirus epidemic in Taiwan, the government responded to the needs of provided rapid test kits to the public through household rapid screening test. Based on mobile communication software, this research establishes a mobile COVID-19 Testing map information application, imports the open data of government quick-screening, and combines the user's location as the basis for geographic information query to provide quick-screening clinics or medicines around the user. It is sorted by distance and provides users with map navigation information.

Keywords: COVID-19 Testing Map, Geography Map, Mobile Application