

Problem owner name:

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Problem Title:

Vac Track, An easy method to record and track your vaccinations.

What is the problem you want to solve?

Provide a quick, easy way to record and track vaccinations, especially for adults. Currently, there is no method to personally record and track your vaccinations. There are a plethora of apps to remind when vaccinations are due, particularly for childhood vaccinations but none that provide an easy way to record and track adult vaccinations.

Why do you want to solve this problem?

Many adults require vaccinations for their work, currently vaccination records held by GPs, some might make it to MyGov and sometimes the patient may have a paper record. Currently Armed Service personnel, health care workers, people who work with children, emergency and essential service workers, laboratory staff, people who work with animals and remote area workers all require vaccinations and are required to keep a record.

Additionally adults are the largest unvaccinated group of people, coming in at 92%, putting the population at risk of disease spread. There are a number of contributing factors for the poor uptake of adult vaccination, with lack of vaccination records being one. Solving this problem would also feed into the National Immunisation Strategy for Australia 2019-2024 which had identified that they need to better collect and record vaccination data through non-traditional methods.

What do you envision as the ideal solution for this problem?

A mobile phone or tablet app that quickly and easily allows the patient or worker to record important information about their vaccination.

What sort of Open Source solution do you think can be created in 48 hours, by a small team of developers, designers and data analysts?

A mobile phone app that allows the user to scan the barcode or 2D data matrix and download the vaccination information. Alternatively, they could photograph the appropriate information within the app to record the vaccination. Additionally a reminder could be applied if further action is required- another dose or serology. It would be advantageous to have the ability to scan and upload any serology results. Having the ability to compile a report to send to employers or other necessary organisations.

What are the current solutions for handling this problem?

Currently, a number of apps allow you to set reminders for childhood immunisation but not record them. One app allows recording of vaccination but the information is manually typed in. In Australia, the Australian Immunisation Register is supposed to record vaccination data,

whilst this has captured childhood vaccinations it requires the vaccination provider to register adult vaccinations.

Summary for the website:

PROBLEM

In our busy lives, it is hard to keep track of all the information we need. Who can remember when they had their last tetanus shot? The Australian Immunisation Register (AIR) is supposed to record vaccinations for all Australians, but it relies on the vaccination provider to upload or pass on the vaccination details. A number of occupations require mandatory vaccinations and proof of vaccination. If it has not been recorded on AIR, then the individual must keep paper records. An easy and effective way for individuals to record and track vaccinations is required. Additionally adults comprise 92% of all unvaccinated population in Australia, resulting in disease outbreaks. Lack of vaccination records is considered one of the contributing factors.

Solving this problem may help improve vaccination records for the individual, organisations and the health system.

SOLUTION

A mobile phone or tablet app that quickly and easily allows the patient or worker to record important information about their vaccination. . Additionally a reminder could be applied if further action is required- another dose or serology. It would be advantageous to have the ability to scan and upload any serology results. Having the ability to compile a report to send to employers or other necessary organisations.

CURRENT SOLUTION

From 2016, the Australian Immunisation Register (AIR) will record immunisation if the immunisation provider provides the AIR with your vaccination details. There are vaccination reminder apps but no easy method to record vaccinations with the required information.