

COVID Tracker for Transit

FOR BETTER UNITY, HELP YOUR COMMUNITY!

Presented by WON DIRECTION

Story

NEW ZEALAND / COVID-19

Bus passenger might have passed on Covid-19 to another

7:06 pm on 22 August 2020

Share this



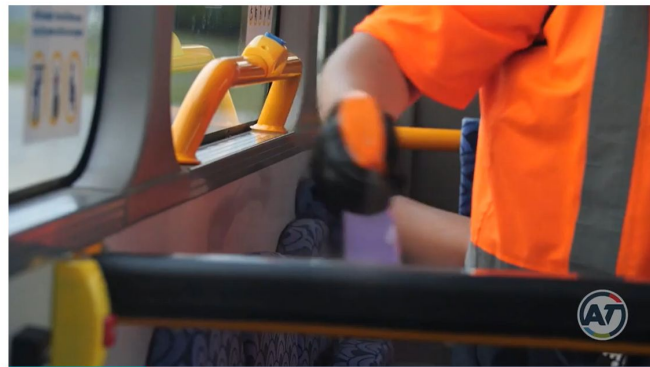
Two people later diagnosed with Covid-19 travelled on the same Auckland bus.



File photo. Photo: RNZ / Todd Niall

Coronavirus: Possible bus link in mystery Auckland Covid-19 case

Todd Niall - 14:09, Aug 21 2020



AUCKLAND TRANSPORT

Auckland Transport has reintroduced special cleaning measures for buses, trains and ferries as Auckland moves to alert level 3.



Problem

- Transit is a significant part of everyone's day, but the current NZ COVID Tracer app doesn't deal with it.

Problem

- The current workaround is to manually enter the trip.
- This is inconsistent and a lot of work for no obvious benefit

The screenshot shows a mobile application interface for adding a manual entry. At the top, a yellow header bar contains a back arrow and the text "Add manual entry". Below this, the form is divided into sections. The first section, "Place or activity", is marked as "Required" and contains an empty text input field. The second section, "Arrival date", is also marked as "Required" and contains a text input field with the value "Sun 23 Aug 2020". The third section, "Arrival time", is marked as "Required" and contains a text input field with the value "3:39pm". The fourth section, "Details", is marked as "Optional" and contains an empty text input field. Below the input fields, there is a paragraph of text: "Describing who you were with and what you were doing can help the Contact Tracing team if you share your diary." At the bottom of the screen, there is a dark navigation bar with three icons: a grid icon labeled "Dashboard", a QR code icon labeled "Record visit", and a person icon labeled "My profile". The "Record visit" icon is highlighted with a yellow border. Above the navigation bar, the text "Add entry" is visible.

15:39 4G 90%

← Add manual entry

Place or activity *Required*

Arrival date *Required*

Sun 23 Aug 2020

Arrival time *Required*

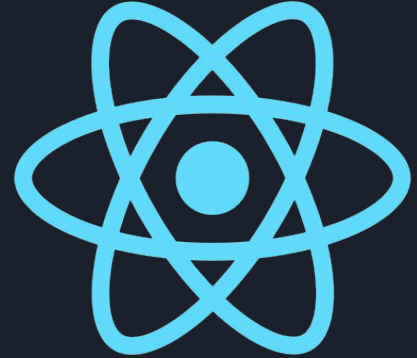
3:39pm

Details *Optional*

Describing who you were with and what you were doing can help the Contact Tracing team if you share your diary.

Dashboard Record visit My profile

Development Process



Research and Design

\$6.86

Balance last updated 3.20pm
Sunday 9 August 2020

VUW 1 ZONE
New

10 TRIPS LEFT

VUW 1 ZONE

CLOSE TRANSACTION HISTORY

GET HELP

01 AUG 2020 - 31 AUG 2020

83 - Manners Street at Willis Street	-\$3.15
9 Aug	\$6.86
83 - Jackson Street at Te Puni Street (westbo	-\$3.15
2 Aug	\$10.01

COVID Tracker for Transit

Choose a route

Johnsonville

1

Start Trip

Stop Trip

View Trips

Reset

Trip History

Your Current Trip History

Bus Route 1 Johnsonville

Start Trip 16:00

Stop Trip 17:00

Date August 23, 2020

Vehicle Reference COW123



Product

- Web app for easy access
- Information stored locally = secure

COVID Tracker For Transit

1

Johnsonville West/Churton I

Start Trip

End Trip

Trip History

23/8/2020 - Route 150

Start Time: 16:15

End Time: 16:15

Vehicle Reference: 3144

23/8/2020 - Route 1

Start Time: 16:16

End Time: 16:16

Vehicle Reference: 3433

23/8/2020 - Route 12

Start Time: 17:0

End Time: 17:0

Vehicle Reference: 1293



Challenges

- Issues with Git
- Finding usable API
- Working remotely
- Unfamiliar technologies



Next Steps

- Notifying capability
- Include more transport types
- Integration with government app
- Extra functions

Team Won Direction

