Senate Select Committee on COVID-19

ANSWERS TO QUESTIONS ON NOTICE

Digital Transformation Agency

Topic: COVIDSafe App Development – test documentation

Senator: Senate Select Committee on COVID-19
Type of question: Written, 22 May 2020
Date set by the committee for the return of answer: 5 June 2020

Question(s):

In a response to a question from Senator Patrick seeing the performance test data for the COVIDSafe App, DTA responded by providing some statistical information. This answer was brought to the attention of the committee. The committee has now considered the response that DTA provided and requests the following information:

All COVIDSafe test documentation (including test description and test reports) for "Bluetooth encounters" testing including for testing between various device types, in various states, including phone locks and unlocked, and application open and not open.

Answer(s):

Please find attached the following three documents:

Attachment A: COVIDSafe Bluetooth Encounter Logging Results
Attachment B: COVIDSafe Test Plan - Android
Attachment C: COVIDSafe Test Plan - iOS

Australian Government
Digital Transformation Agency

dta

dta.gov.au

COVIDSafe Bluetooth Encounter Logging Results

As at 26 May 2020

	Android to Android	Android to iOS	iOS to iOS
	Galaxy S10 – Note 9	Galaxy S10 – iPhone X	iPhone X – iPhone 6s
Active -> Active	Excellent	Excellent	Excellent
Active -> Background Unlocked	Excellent	Good	Excellent
Active -> Locked	Excellent	Moderate	Good*
Locked -> Locked	Excellent	Moderate	Moderate

As at 14 May 2020

	Android to Android	Android to iOS	iOS to iOS
	Galaxy S10 – Note 9	Galaxy S10 – iPhone X	iPhone X – iPhone 6s
Active -> Active	Excellent	Excellent	Excellent
Active -> Background Unlocked	Excellent	Good	Excellent*
Active -> Locked	Excellent	Moderate*	Moderate
Locked -> Locked	Excellent*	Moderate*	Moderate*

As at 26 April 2020

	Android to Android	Android to iOS	iOS to iOS
	Galaxy S10 – Note 9	Galaxy S10 – iPhone X	iPhone X – iPhone 6s
Active -> Active	Excellent	Excellent	Excellent
Active -> Background Unlocked	Excellent	Good	Good
Active -> Locked	Excellent	Poor	Moderate
Locked -> Locked	Good	Poor	Poor

Encounter logging: Excellent (80% to 100%), Good (50% to 80%), Moderate (25% to 50%), Poor (25% or below)

* Improved performance from previous testing

Australian Government

Digital Transformation Agency

Test Plan
COVIDSafe Application - Android

dta

Contents

1 Introduction

COVIDSafe is a mobile application developed to support existing nationwide efforts to combat COVID-19.

COVIDSafe adopts a community-driven approach where participating devices exchange proximity information whenever an app detects another device with the COVIDSafe app installed.

We use the Bluetooth Relative Signal Strength Indicator (RSSI) readings between devices across time to approximate the proximity and duration of an encounter between two users. This proximity and duration information is stored on one's phone for 21 days on a rolling basis — anything beyond that would be deleted. No location data is collected.

If a person unfortunately falls ill with COVID-19, the State and Territory Departments of Health (DOH) would work with them to map out their activity for past 14 days, for contact tracing. And if the person has the COVIDSafe app installed, they can grant DOH to access their COVIDSafe Bluetooth proximity data — making it quicker for DOH to contact people who had close contact with the infected individual, to provide timely guidance and care.

1.1 Purpose

This document details the Android test scenarios for COVIDSafe application.

1.2 Document Scope

This plan includes:

- Test scenarios in scope for testing
- Test scenarios out of scope for testing

1.3 Project Testing Objectives

The general objectives of the COVIDSafe test efforts are to:

- Test COVIDSafe application on iOS and Android devices.

1.4 Project Related Information

Below url's are relevant for design and layout

https://www.figma.com/file/yaJZynce6cRZI1p9Y6FOEo/COVIDSafe?node-id=3060%3A19724

1.5 Mobile Phones Used

Listed are the mobiles used as part of Android testing:

- Huawei Pro 30
- Samsung 9
- Motorola Razor
- Oppo R17
- Pixel 2

2 Scope

2.1 Items in Scope

Below items are in scope for COVIDSafe Android testing.

2.1.1 Functional Scenarios

Respective screenshots in the below URL will be considered as source of truth while testing the below scenario's.

- https://www.figma.com/file/yaJZynce6cRZI1p9Y6FOEo/COVIDsafe?node-id=3060%3A23351

2.1.1.1 App Install and Register

#	Tests (User Action)	Expected	Result
1	Download COVIDSafe from play store, **Install latest version**	COVIDSafe downloaded onto mobile phone successfully	**PASS**
2	Launch the COVIDSafe app. Make sure to look in latest version in figma screens to test.	0.00 Splash Screen displayed	**PASS**
3	wait (for introduction screen)	1.00 Introduction displayed	**PASS**
4	Tap , " I want to help" button	1.01 How it works Screen displayed as in Figma iOS Screens	**PASS**
5	Tap , "Next" button	1.02 Registration and Privacy Screen displayed as in Figma iOS Screens	**PASS**
6	Tap , "Next" button	1.03 Registration consent_A Screen displayed Checkbox I consent	**PASS**
7	Negative test: Do not tick the checkbox	Next button is disabled	**PASS**
8	Tick box I consent and click on Next	Next button is enabled and navigated to 1.03 Registration consent_B Screen displayed with Checkbox I consent	**PASS**
9	Tap , "Next " button Note: This is a New Screen	1.04 Enter details_A Screen displayed (for user to enter Full name, Age and Postcode) Age is dropdown	**PASS**
10	Enter Full Name in Name filed And Navigate to Your age filed Select Age from the dropdown list less than 15yrs Select the 'Continue' button.	1.05 Enter details_under 16_A Screen is displayed text You need the consent of your parent/guardian to proceed	**PASS**

11	Checkbox I confirm and Click on Next on 1.05 Enter details_under 16_A Screen	Navigated to 1.06 Enter PIN_A	**PASS**
12	Return to 1.04 Enter details_A Select Age from the dropdown list above 15yrs Select Postcode from the dropdown list and click on Continue	1.05 Enter number_A screen displayed with Get PIN button as per Figma ANDROID Screens	**PASS**
13	Enter mobile number	User is able to enter the Mobile Number in the Number field	**PASS**
14	Tap "Get PIN" button	SMS with PIN sent to mobile device. 1.06 Enter PIN_A screen displayed. PIN expires in 5mins	**PASS**
15	Enter the PIN sent	User is able to enter PIN successfully in 1.06 Verify PIN Screen, (note: verify user is able to open the Wrong number and Resend PIN links on screen)	**PASS**
16	Wrong PIN click on verify	1.06 Enter PIN_error screen is displayed with Invalid PIN number	**PASS**
17	Enter the most recently sent PIN. Tap, "Verify" button	1.07 Permissions screen is displayed.	**PASS**
18	New test! Select the 'Proceed' button.	Page 1.07 Permissions-dialogueA displays with the Bluetooth permission displayed.	**PASS**
19	Allow Bluetooth access permission	Android Alert notification - Bluetooth access notification is dismissed Android Alert notification – 1.07 Permissions-dialogueB - Location Permissions notification is displayed.	**PASS**
20	Allow Location access permission	Android Alert notification - Location access notification is dismissed. Android Alert notification – 1.07 Permissions-dialogueC – Let COVIdSafe run in the background ? is displayed.	**PASS**

#	Tests (User Action)	Expected	Result
21	Allow Run in background	Android Alert notification – Run in background notification is dismissed. 1.08 Success page displays	**PASS**
22	Tap, CONTINUE button	2.00 Home_on Screen displayed	**PASS**

2.1.1.2 Tested Positive

#	Tests (User Action)	Expected	Result
23	Launch COVIDSafe application from mobile	2.00 Home_on Screen displayed	**PASS**
24	Health official (tester) instructs you to upload data Tap, "Upload my data" button	3.00 Preface Screen displayed Check content matches with figma	**PASS**
25	Tap 'I consent to upload my data' Tap, "Continue" button	Health official (tester in Admin portal) sends a PIN. 3.01 Enter PIN_A Screen displayed	**PASS**
26	Enter WRONG PIN Tap 'Upload my data'	3.02 Uploading data displays 3.01 Enter PIN_C displays Invalid PIN number, please ask the health official to send you another PIN.	**PASS**
27	Request for another PIN and Enter CORRECT PIN	3.02 uploading screen is displayed	**PASS**
28	Return to the 3.01 Enter PIN_B page. Turn off wifi and mobile data on your mobile device. Select 'Upload my data'	3.02 uploading data_error screen is displayed with Upload error	**PASS**
29	Turn on mobile data and wifi Click on Try again on 3.02 uploading screen	3.03 Success screen is displayed with Thanks you! You are helping to stop the spread of COVID-19	**PASS**

30	On 3.04 Home _Success screen Select FAQ There is information saying If user wants to remove their registration from the data store send SMS to the number where they received the OTP with word "unsubscribe"	User is unsubscribed from the registration by entering the word "unsubscribe" as a SMS to the number from which they received OTP and user is removed from data store	**PASS**
31	Refresh the page.	4.00 Home_upload screen displays	**PASS**
32	4.00_upload_notification screen on Home screen Notification is received on Home screen saying Upload your data for daily updates Tap 'Upload your data' On 4.00 Home_upload screen click on upload my data	4.01 Home_uploading screen displays	**PASS**
33	Wait	Navigates to 4.01 Home_uploading_error screen with upload error	**PASS**
34	Click on Try again button on 4.01 Home_uploading_error screen	4.02 Home_complete screen displays	**PASS**
35	Wait until self-isolation period is over. Open phone.	4.03 Success displays Thank you for helping stop the spread of COVID-19!	**PASS**
36	Click Continue on success screen	Navigated to home screen	**PASS**

2.1.1.3 Other Screens

#	Tests (User Action)	Expected	Result
37	Open " Report an issue"	6.00 Feedback module Screen displayed with Send button disabled	**PASS**
38	On 6.00 Feedback module_content screen Enter " text " for issue and Enter email address and send is enabled	Feedback successfully sent message shows on screen	**PASS**

2.1.1.4 Report an issue

#	Tests (User Action)	Expected	Result
39	Report an issue link opens as a new email screen. Click on Report an issue link.	User remains in Covid app and email displays as an overlay app.	**PASS**
40		UI displays the following : . Heading -> Report an issue . Subject line-> Found an issue in the COVIDSafe app? . Please describe the issue (Free text for details to be entered). . Email address (Required) .Text – We may reach out to you for further details about your feedback. Control Buttons : Cancel (enabled) Send(disabled)	**PASS**

#	Tests (User Action)	Expected	Result
41	Disable Send button (Send button looks like a paper airplane, not actually a "Send" button per-se.)	Send button is disabled.	**PASS**
42	Click on Cancel button without entering any information on page. ("Cancel" button looks like a leftwards facing arrow.)	User is navigated back to Previous screen i.e. 4.00 Help screen	**PASS**
43	Enter all the required details on the 5.0 Feedback Module page except email address.	Application displays an error message.	**PASS**
44	Enter Special characters like #% $ etc	Application displays an error message.	**PASS**
45	Enter Invalid email ID	Application displays an error message.	**PASS**
46	Enter all valid data on the page including correct email address and free text in Please describe the issue field.	Send button is enabled.	**PASS**
47	Click on Send button.	Message sent Successfully without any error messages and User is navigated back to the help page 5.00.	**PASS**

2.1.1.5 Mobile Number Authentication and OTP

#	Tests (User Action)	Expected	Result
48	Enter number_A , screen 1.05	UI displays the following : . Heading -> Enter your mobile number Area code with text box displayed to enter the relevant mobile ##. Text: We'll send you a six digit pin to verify your mobile number. Signing up on behalf of a friend or relative? You will need to sign up on their device with their phone number so that COVIDSafe can work for them. Control Button : Get PIN	**PASS**

49	Return to page 1.04 Enter details_A Select the 'Age' dropdown Select 0-15 Tap 'Select'. Select 'Continue'	UI displays the following : You need the consent of your parent/guardian to proceed. Check box I confirm Control Button :Next	**PASS**
50	Click on Get PIN button without entering any data in mobile number field on 1.05 Enter number_A screen	Get PIN button is disabled	**PASS**
51	Test invalid mobile number combinations : Enter alphabets, special characters, alphanumeric in mobile number field & Click on Get PIN button.	Error message is displayed as below: Invalid Phone number.	**PASS**
52	Enter valid mobile number and Click on Get PIN button	Respective mobile number receives the six digit OTP ## and user is navigated to Enter PIN screen.	**PASS**
53		UI displays the following : Enter the PIN that was sent to +61********** Hyperlink: Wrong number? Your code will expire in 1:49 Hyperlink: Resend PIN	**PASS**
54	Click on Hyperlink: Wrong number?	Returns back to 'Enter your mobile number' page.	**PASS**
55	Enter wrong PIN ## and click on Verify.	Error message displays Page 1.06 Enter PIN_error displays with Invalid PIN number text	**PASS**
56	Click on Resend PIN	User receives the new PIN on the respective mobile number	**PASS**
57	Enter the valid PIN received	Verify button is Enabled.	**PASS**
58	Navigate back to Enter your mobile number screen and enter a different mobile number(valid) and Click on Get PIN button..	Error message is displayed as below: Invalid Phone number.	**PASS**
59	Click on Verify button	PIN number entered is verified successfully and user is navigated to 1.07 Permissions screen.	**PASS**

2.1.1.6 Permissions Screen

#	Tests (User Action)	Expected	Result
60	On App Permissions screen, Click Proceed button, Click Allow button on Access your location, Click Allow button on run in the background.	Page 1.08 Success displays.	**PASS**
61	On App Permissions screen, Click Proceed button, Click Allow button on Access your location, Click Allow button on run in the background.	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: On (Green Tick) Bluetooth: Off (Red Cross) Push Notifications: On (Green Tick)	**PASS**
61	On App Permissions screen, Click Proceed button, Click Deny button on Access your location, Click Allow button on run in the background.	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: Off (Red Cross) Bluetooth: On (Green Tick) Push Notifications: On (Green Tick)	**PASS**
63	On App Permissions screen, Click Proceed button, Click Allow button on Access your location, Click Deny button on run in the background.	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: On (Green Tick) Bluetooth: On (Green Tick) Push Notifications: Off (Red Cross)	**PASS**
64	On App Permissions screen, Click Proceed button, Click Deny button on Access your location,	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: Off (Red Cross) Bluetooth: Off (Red Cross) Push Notifications: Off (Red Cross)	**PASS**

	Click Deny button on run in the background.		
65	Open Mobile Phone setting, Click Apps, Click the application "COVIDSafe", Click Permissions, Enable the Location and Run in the background Relaunch the "COVIDSafe" application.	Page 2.00 Home_on is displayed.	**PASS**
66	After successful setup the installation with allow permissions, manually change the mobile phone setting, Click Apps, Click the application "COVIDSafe", Click Permissions, Disable the Bluetooth, Location and Run in the background Relaunch the "COVIDSafe" application.	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: Off (Red Cross) Bluetooth: Off (Red Cross) Push Notifications: Off (Red Cross)	**PASS**
67	Manually change the mobile phone setting, Click Apps, Click the application "COVIDSafe", Click Permissions, Enable the Bluetooth, Location and Run in the background Relaunch the "COVIDSafe" application.	Page 2.00 Home_on is displayed.	**PASS**

2.1.1.7 Authentication of Upload Data

#	Tests (User Action)	Expected	Result
68	2.00 Home_on screen	UI displays the following : . Heading COVIDSafe is active Screen details should match the latest Figma screen Upload my data button .enable	**PASS**
69	Select the 'Upload my data' button.	Page 3.00 Preface displays	**PASS**
70	Select the 'I consent to upload my data.' checkbox. Select the 'Continue' button.	Page 3.01 Enter PIN_A displays	**PASS**
71	On Enter PIN_A screen Enter wrong PIN ## and click on Upload your data PIN disabled	Error message is displayed as below: Invalid PIN number, please ask the health official to send you another PIN	**PASS**
72	Enter the valid PIN received	Upload my data button is Enabled.	**PASS**
73	Click on Upload my data button.	Navigated to 3.03 Success screen.	**PASS**

2.1.1.8 Links

#	Tests (User Action)	Expected	Result
74	Select 'Privacy policy' link on 1.02 Registration and Privacy screen	Privacy policy link is open in microsite	**PASS**
74	Select Privacy policy link on 1.04 Enter personal details_A screen	"Privacy policy link is open in microsite	**PASS**
76	On 1.02 Registration and Privacy screen click on 'you may also ask for your information' link	you may also ask for your information' link is open in microsite	**PASS**

#	Tests (User Action)	Expected	Result
77	On 1.02 Registration and Privacy screen Click on "{Australian Government Department of Health website "	Link opened in health.gov.au	**PASS**
78	Select Privacy policy link on 1.04 Enter number_B screen	Privacy policy link is open in microsite	**PASS**
79	Select 'Privacy policy ' link on 1.05 Enter details_under 16 A screen	Privacy policy link is open in microsite	**PASS**
80	Click on FAQ link on 2.00 home_on page	FAQ opens on new page	**PASS**
81	Click on FAO link on 3.04 Home_success screen	New screen is open with FAQ details	**PASS**
82	Click on FAO link on 4.00 Home_upload screen	New screen is open with FAQ details	**PASS**
83	Click on FAQ link on 4.00 Home_complete screen	New screen is open with FAQ details	**PASS**
84	'Privacy Policy' link in 5.0 Help screen (How to use COVIDSafe)	**Privacy Policy**" screen is displayed with details. Screen 5.00 help.	**PASS**

2.1.1.9 Help

#	Tests (User Action)	Expected	Result
85	COVIDSafe open on an Android phone. Tap the (?) Help icon. User is taken from the application to a microsite.	The following help headings display related information beneath them: Heading: General What is COVIDSafe? Who can use COVIDSafe? Who built COVIDSafe?	**PASS**

		How does COVIDSafe work?
		How does COVIDSafe measure distance and duration of contact?
		What thresholds constitute close contact?
		Heading: Privacy and Permissions:
		What data is collected?
		Can you see my personal data?
		How is my data protected?
		Can I say no to uploading my COVIDSafe data if contacted by the Australian Government?
		Can COVIDSafe track the location of all devices installed with COVIDSafe?
		How do I uninstall COVIDSafe?
		How can I stop sharing my data?
		Why does COVIDSafe need location permission on Android and not on iOS?
		Heading: Using COVIDSafe:
		Does COVIDSafe need to be in the foreground to work?
		How do I set up COVIDSafe?

		What is the power saver mode on iOS devices?	
		How do I know if my app is working?	
		Do I need to keep my phones Bluetooth® turned on all the time?	
		How long should I keep the app running?	
		Will keeping COVIDSafe running all the time drain my battery quickly?	
		How much mobile and Wi-Fi data does COVIDSafe consume?	
		Will COVIDSafe be affected if I use other Bluetooth devices with my phone(eg: Bluetooth, headphones, Bluetooth sync with fitness watches)? What happens if I delete the app or switch devices?	
		What happens if I was in close contact with a COVID-19 case?	
		I think I may have been in close contact with someone with COVID-19. Should I upload my data? **Heading: Latest updates on COVID-19** How can I find the latest government updates on COVID-19?	
86	COVIDSafe FAQ microsite open on an Android phone. Tap on each Help heading.	The following help headings display related information beneath them: Heading: General What is COVIDSafe? Who can use COVIDSafe?	**PASS**

			Who built COVIDSafe?	
			How does COVIDSafe work?	
			How does COVIDSafe measure distance and duration of contact?	
			What thresholds constitute close contact?	
			Heading: Privacy and Permissions:	
			What data is collected?	
			Can you see my personal data?	
			How is my data protected?	
			Can I say no to uploading my COVIDSafe data if contacted by the Australian Government?	
			Can COVIDSafe track the location of all devices installed with COVIDSafe?	
			How do I uninstall COVIDSafe?	
			How can I stop sharing my data?	
			Why does COVIDSafe need location permission on Android and not on iOS?	
			Heading: Using COVIDSafe:	
			Does COVIDSafe need to be in the foreground to work?	

		How do I set up COVIDSafe?	
		What is the power saver mode on iOS devices?	
		How do I know if my app is working?	
		Do I need to keep my phones Bluetooth® turned on all the time?	
		How long should I keep the app running?	
		Will keeping COVIDSafe running all the time drain my battery quickly?	
		How much mobile and Wi-Fi data does COVIDSafe consume?	
		Will COVIDSafe be affected if I use other Bluetooth devices with my phone(eg: Bluetooth, headphones, Bluetooth sync with fitness watches)?	
		What happens if I delete the app or switch devices?	
		What happens if I was in close contact with a COVID-19 case?	
		I think I may have been in close contact with someone with COVID-19. Should I upload my data?	
		Heading: Latest updates on COVID-19	
		How can I find the latest government updates on COVID-19?	
87	COVIDSafe FAQ website open on an Android phone. Tap "How can I find the latest government updates on COVID-19?" Tap the link in the information.	An external microsite opens with information on COVIDSafe.	**PASS**
88	we have 2 mobile devices with same number	OTP is received, entered and successfully uploaded the data	**PASS**

#	Tests(User Action)	Expected	Result
	we register the two mobiles using the same number we upload the data on one device > Health officer sends the PIN		
89	we upload the data on the other device using same mobile number as above > Health officer sends the PIN	OTP is received, entered and successfully uploaded the data	**PASS**

2.1.1.10 Bluetooth connectivity and misc. Scenarios

#	Tests(User Action)	Expected	Result
90	Test the connectivity and app functionality between devices when they are connected to other Bluetooth devices (for example: Bluetooth headset, car Bluetooth,)	Encounter registered in logs	**PASS**
91	Uninstall COVIDSafe app. then Re-install and check Bluetooth connectivity	Should use the same identifier as the phone number is same	**PASS**
92	Background state of COVIDSafe app. and check Bluetooth connectivity	Encounter registered in logs	**PASS**
93	Foreground state of COVIDSafe app. and check Bluetooth connectivity	Encounter registered in logs	**PASS**
94	Suspended state of COVIDSafe app. (example: **for this play high end games or open few apps in backend**) and check Bluetooth connectivity	Encounter registered in logs	**PASS**
95	User is out of range (example: 10m and 15m) Hint: Try from Elevator, Car park	Encounters registered in the logs (Debug logs) from 10m and 15m (for example: 10m (elevator), 15m (carpark)) and out of range thereafter	**PASS**

96	Test the connectivity and app functionality between devices with in the minimum expected distance	Encounter registered in logs	**PASS**
97	Test the connectivity and app functionality between devices with "Partial partition" as obstacle	Encounter registered in logs	**PASS**
98	Test the connectivity and app functionality between devices in a moving vehicle	Encounter registered in logs	**PASS**
99	Test the connectivity and app functionality between devices when a close by microwave is in operation	Encounter registered in logs	**PASS**
100	Test the connectivity and app functionality between devices when a close by electromagnetic device is in operation	Encounter registered in logs	**PASS**
101	Test the connectivity and app functionality between devices when both the devices are connected to multiple devices via Bluetooth	Encounter registered in logs	**PASS**
102	Mobile with COVIDSafe app active is placed screen down with screen off and not charging, encounters another mobile with COVIDSafe app active. (Proximity sensor test)	Encounter registered in logs	**PASS**
103	Access to debug screen via 'button'	Debug screen launched	**PASS**
104	Polling occurs 10 Seconds every Minute. (Positive Scenario)	Polling has occurred only once.	**PASS**
105	Polling does not occur in less than 10 Seconds. (Negative Scenario)	Polling has NOT occurred.	**PASS**
106	Share the App to others	Able to send install link to others	**PASS**

2.1.1.11 Devices Scenarios

#	Test Scenario's	Expected result	Result
107	Test the connectivity and app functionality between devices with in the minimum expected distance	Encounter registered in logs	**PASS**
108	Test the connectivity and app functionality between devices with "Partial partition" as obstacle	Encounter registered in logs	**PASS**
109	Test the connectivity and app functionality between devices in a moving vehicle	Encounter registered in logs	**PASS**
110	Test the connectivity and app functionality between devices when a close by microwave is in operation	Encounter registered in logs	**PASS**
111	Test the connectivity and app functionality between devices when a close by electromagnetic device is in operation	Encounter registered in logs	**PASS**
112	Test the connectivity and app functionality between devices when both the devices are connected to multiple devices via Bluetooth	Encounter registered in logs	**PASS**

2.1.1.12 Usability & Accessibility Scenarios

#	Test Scenario's	Expected result	Result
113	COVIDSafe open on an Android phone. Pinch the screens with your fingers.	The screen zooms out	**PASS**
114	COVIDSafe open on an Android phone. Expand the screens with your fingers.	The screen zooms in	**PASS**
115	COVIDSafe open on an Android phone.	Page fits on the screen comfortably. Text on screen is readable.	**PASS**
116	COVIDSafe open on an Android phone.	Able to scroll the page.	**PASS**

	Drag your finger along the screens.		
117	COVIDSafe open on an old Android phone.	Page fits on the screen comfortably. Text on screen is readable.	**PASS**
118	Use of Colour	Set device to use grayscale colours only in accessibility settings. Check that colour alone is not used as the only means of conveying information. Able to read all the COVIDSafe app screens.	**PASS**
119	Contrast (Minimum)	Set the device contrast to minimum and check that COVIDSafe app pages are readable	**PASS**
120	Contrast (Maximum)	Set the device contrast to maximum and check that COVIDSafe app pages are readable	**PASS**
121	Keyboard (Using Voice)	Enter the pins in the COVIDSafe app using Voice (Use device settings to activate the functionality)	**PASS**
122	COVIDSafe app Headings and Labels	Check that headings used for organizing content and labels for user interface controls and form inputs describe their topic or purpose.	**PASS**
123	Read the Page functionality	Activate the screen reader functionality on the device. Set focus to COVIDSafe app page content and the screen reader should speak text in the proper speech language synthesizer.	**PASS**
124	Focus Visible	Navigate through all elements of the COVIDSafe app using a keyboard and check that focus is always visible. Check that the currently focused element is always visible on screen.	**PASS**
125	Push notifications language	Set the device language to language other than English. COVIDSafe app push notifications received in the selected language.	**PASS**
126	App Language	Set the device language to language other than English. COVIDSafe app pages display in the selected Language.	**PASS**
127	Read the page(In Language other than English)	Set the device language to language other than English. Activate the screen reader functionality on the device. Set focus to COVIDSafe app page content and the screen reader should speak text in the proper speech language synthesizer.	**PASS**

2.2 Non-Functional Scenario's for COVIDSafe app

#	Test Scenario's	Expected result	Result
128	Encounters occur when COVIDSafe phone is locked application open.	Encounter registered in logs	PASS
129	No encounter occurs when: One phone has Bluetooth off Other phone with Bluetooth on.	No encounter registered in logs	PASS
130	Encounters occur when COVIDSafe phone is unlocked and application open.	Encounter registered in logs	PASS
131	Check the admin tool functionality after the data is uploaded from Device	Able to see all the encounters for that device.	PASS
132	Enter an invalid phone number into enter your mobile number set up. i.e. put in alphas or symbols	error message displayed	PASS
133	Enter an invalid Pin code	error message displayed	PASS
134	Enter Pin 5 minutes after first being on the enter the pin that was sent screen.	error message displayed	PASS
135	Click on this Share this application link	Able to share the COVIDSafe application.	PASS
136	Place holder for if an encounter occurs and then a person deletes their application what occurs with the stored data?		PASS
137	Click on the privacy policy link on the Registration and privacy screen	you are navigated to the privacy policy screen	PASS
138	Android unlocked with COVIDSafe icon in view. Another person walks past with the COVIDSafe app installed.	The COVIDSafe app ripples.	PASS

2.2.1.1 FAQ

	Test Scenario	Expected result	Result
139	Open the FAQ from the website.	The UI of the page exactly matches what displays within "https://website.prod.lp.aws.covidsafe.gov.au/faqs.html"	**PASS**
140	Open each individual twistie on the page	Each twistie contains the same information as displays within "https://website.prod.lp.aws.covidsafe.gov.au/faqs.html"	**PASS**
141	Select each Hyperlink on the page	Each hyperlink leads to external microsites containing more information regarding each sub-category the hyperlink was selected within. (i.e. If selecting 'aus.gov.au' hyperlink in 'How can I find the latest government updates on COVID-19', you will see more information regarding the latest updates)	**PASS**

2.2.1.2 Website

	Test Scenario	Expected result	Result
142	Open the Website.	The website UI matches what displays in: https://website.prod.lp.aws.covidsafe.gov.au/	**PASS**
143	ANDROID PHONE USER Under 'Let's work together to stop the spread of COVID-19, select 'Available on Google Play'.	The Google Play Store opens to the COVIDSafe app.	**PASS**
144	Under 'How does COVIDSafe work?' select the 'Frequently Asked Questions' hyperlink.	The FAQ opens.	**PASS**
145	Under 'You're in control of your information', select the 'Privacy policy' hyperlink.	A microsite opens with information matching the below URL: https://website.prod.lp.aws.covidsafe.gov.au/terms-and-conditions.html	**PASS**
146	Select the 'Home' hyperlink at the bottom of the website.	The website UI matches what displays in: https://website.prod.lp.aws.covidsafe.gov.au/index.html	**PASS**

#	Test Scenario's	Expected result	Result
147	Select the 'Privacy policy' hyperlink at the bottom of the website.	A microsite opens with information matching the below URL: https://website.prod.lp.aws.covidsafe.gov.au/privacy-notice.html	PASS
148	Select the 'FAQs' hyperlink at the bottom of the website.	A microsite opens with information matching the below URL: https://website.prod.lp.aws.covidsafe.gov.au/faqs.html	PASS

2.2.1.3 Admin Portal

#	Test Scenario's	Expected result	Result
150	Launch Admin Portal in browser URL: https://admin.sit.dnp.aws.covidsafe.gov.au/	The 1.0 Welcome screen is displayed. Buttons: Sign into your account. Content and layout matches Figma 1.0 Welcome screen.	PASS
151	[1.0 Welcome] Click on 'Sign into your account'	The **1.01 Sign in** screen is displayed. Content and layout matches Figma 2.01 Sign in screen. Fields: Email, Password Buttons: Sign in Links: Forgot your password?	PASS
152	[1.01 Sign In] Enter a valid email address (registered) Enter correct password Click 'Sign in'	User is taken to the 2.00 Dashboard screen. Content and layout matches Figma 2.00 Dashboard screen. No data is shown. Fields: Search phone number Buttons: Search, Sign out	PASS
153	[2.00 Dashboard] Click 'Sign out'	The user is returned to the Welcome page	PASS
154	[2.00 Dashboard] Enter a value that is a partial match for mobile number Click 'Search'	Partial matches are not allowed	PASS

155	[2.00 Dashboard] Enter a value that begins with a mobile number Click 'Search'	Partial matches are not allowed	**PASS**
156	[2.00 Dashboard] Enter a value that ends with a mobile number Click 'Search'	Partial matches are not allowed	**PASS**
157	[2.00 Dashboard] Enter a non-numeric value for a mobile number Click 'Search'	Field does not accept non-numeric numbers	**PASS**
158	[2.00 Dashboard] Enter a phone number that has not been registered. Click 'Search'	Message displayed indicating no records found.	**PASS**
159	[2.00 Dashboard] Enter a phone number that has been registered to one device and has never had data uploaded. Click 'Search'	System navigates to 2.01 Case details screen Content and layout matches Figma 2.01 Case details screen. User is able to see the registered case details. Case details are correct. Status is 'Registered'. User is able to generate and send a pin to the specific case to enable health data upload. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status Side heading: Send Pin Buttons: - Send PIN	**PASS**

160	[2.00 Dashboard] Enter a phone number that has been registered to one device and has had at least one data upload. Click 'Search'	System navigates to 2.01 Case details screen Content and layout matches Figma 2.01 Case details screen. User is able to see the registered case details. Case details are correct. Status is 'Open'. User is able to generate and send a pin to the specific case to enable health data upload. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status Side heading: Send Pin Buttons: - Send PIN	**PASS**
161	[2.00 Dashboard] Enter a phone number that has been registered to one device and has completed the self-isolation period. Click 'Search'	System navigates to 2.01 Case details screen Content and layout matches Figma 2.01 Case details screen. User is able to see the registered case details. Case details are correct. Status is 'Closed'. User is able to generate and send a pin to the specific case to enable health data upload. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status	**PASS**

		Side heading: Send Pin Buttons: - Send PIN	
162	[2.00 Dashboard] Enter a phone number that has been registered with multiple devices. Click 'Search'. Note: One device is registered and no data uploaded. One device is registered with data uploaded. One device is registered with self-isolation period completed.	System navigates to the 2.00 Dashboard_multiple screen. Table contains a record for each device registered for the phone number. Table columns and <expected values> are: - Phone number <phone number> - Status <'**Registered**' for device with no data upload; '**Case Open**' for device with uploaded data; '**Case Closed**' for device with self isolation period completed> - Registered <date and time registered> - Last upload <blank for device with no data upload; date and time stamp of last data upload for other devices> - Full name <full name the device was registered under> Links: Phone number value	**PASS**
163	[2.00 Dashboard_multiple] Click on a phone number in the Phone number column of the table corresponding to the registered device with no data uploaded.	System navigates to 2.01 Case details screen Content and layout matches Figma 2.01 Case details screen. User is able to see the registered case details. Case details are correct. Status = 'Registered'. User is able to generate and send a pin to the specific case to enable health data upload. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status Side heading: Send Pin	**PASS**

		Buttons: - Send PIN	
164	[2.00 Dashboard_multiple] Click on a phone number in the Phone number column of the table corresponding to the registered device with data already uploaded. One device is registered with self-isolation period completed.	System navigates to 2.01 Case details screen Content and layout matches Figma 2.01 Case details screen. User is able to see the registered case details. Case details are correct. Status = 'Case Open'. User is able to generate and send a pin to the specific case to enable health data upload. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status Side heading: Send Pin Buttons: - Send PIN	**PASS**

165	[2.00 Dashboard_multiple] Click on a phone number in the Phone number column of the table corresponding to the registered device with isolation period completed.	System navigates to 2.01 Case details screen. Content and layout matches Figma 2.01 Case details screen. User is able to see the registered case details. Case details are correct. Status = 'Case Closed'. User is able to generate and send a pin to the specific case to enable health data upload. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status Side heading: Send Pin Buttons: - Send PIN	**PASS**
166	[2.00 Dashboard] Place holder for clearing screen	2.00 Dashboard screen is reset.	**PASS**
167	[2.01 Case details] Click on 'Send PIN' Note: Mobile User is ready to upload data for first time and is ready to accept PIN.	2.02 Send PIN screen is displayed. PIN is sent to the registered mobile number. PIN will expire in 5mins. Buttons: - Cancel - Send another PIN	**PASS**
168	[2.02 Send PIN] Click 'Cancel'		**PASS**

169	[2.02 Send PIN] Click on 'Send another PIN' before PIN expires. Note: - Mobile User is ready to upload data for first time and is ready to accept PIN. - Mobile user waits to receive two PINS and then enters the first PIN. - First PIN gets rejected and Mobile user tries the second PIN.	A new pin is generated and sent to registered mobile number. PIN expiry countdown timer is reset to 5 mins. Registered mobile user: - The original PIN is rejected by the COVIDSafe app. - The New PIN is accepted by the COVIDSafe app to enable health data upload.	**PASS**
170	[2.02 Send PIN] Click on 'Send another PIN' after PIN expires. Note: - Mobile User is ready to upload data for first time and is ready to accept PIN. - Mobile user waits to receive two PINS and then enters the first PIN. - First PIN gets rejected and Mobile user tries the second PIN.	A new pin is generated and sent to registered mobile number. PIN expiry countdown timer is reset to 5 mins. Registered mobile user: - The expired PIN is rejected by the COVIDSafe app. - The New PIN is accepted by the COVIDSafe app to enable health data upload.	**PASS**

171	[2.02 Send PIN] Mobile user has initiated data upload.	2.03 Verified number screen is displayed. Content and layout matches Figma 2.03 Verified number screen. Status has changed to 'Open'. User is shown the phone number is verified. User is shown an "encounter data is being processed" notice. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status	**PASS**
172	[2.03 Verified number] Data has been uploaded and processed.	2.04 Encounter list screen is displayed. Content and layout matches Figma 2.03 Verified number screen. Note: upload and processing may take a long time, anywhere from seconds to a few hours. [Details pane] Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status [Encounters table] Read only fields: - Phone number (note: value is a hyperlink) - Full name - Status	**PASS**

		- Encounters - Last encounter date - Max RSSI - Max TX Power	
173	[2.04 Encounter list] Data has been uploaded and processed	The encounters table shows an aggregated view of all encounters that patient has come into contact. Note: the number of encounters match those in the phone's logs. Can use the debug screen to compare.	**PASS**
174	[2.04 Encounter list] Sort Encounters table by Encounters column	User is able to sort (High-low) by encounters.	**PASS**
175	[2.04 Encounter list] Click on one phone number under Encounters	System navigates to the 3.00 Encounter details screen is displayed. Content and layout matches Figma 3.00 Encounter details screen. Detailed view of all encounters with the selected phone number is displayed. Read only fields: - Phone number - Full name - Age Range - Postcode	**PASS**
176	[3.00 Encounter details] Sort table by Encounter date	User is able to sort (High-low) by Encounter date.	**PASS**
177	[3.00 Encounter details] Sort table by Max RSSI	User is able to sort (High-low) by Max RSSI.	**PASS**
178	[3.00 Encounter details] Sort table by Max TX Power	User is able to sort (High-low) by Max TX Power	**PASS**

| 179 | [3.00 Encounter details]
Check Encounters match encounters recorded on mobile phone
Note: use mobile information accessed by debug screen and compare to information displayed in Admin Portal | The encounter information displayed in the table matches the information captured in the mobile phone | **PASS** |

2.3 Items out of scope

- Security and Penetration testing

- Load and stress testing

End of document

Test Plan
COVIDSafe Application - iOS

Contents

1 Introduction

COVIDSafe is a mobile application developed to support existing nationwide efforts to combat COVID-19.

COVIDSafe adopts a community-driven approach where participating devices exchange proximity information whenever an application detects another device with the COVIDSafe application installed.

We use the Bluetooth Relative Signal Strength Indicator (RSSI) readings between devices across time to approximate the proximity and duration of an encounter between two users. This proximity and duration information is stored on one's phone for 21 days on a rolling basis — anything beyond that would be deleted. No location data is collected.

If a person unfortunately falls ill with COVID-19, the State and Territory Departments of Health (DoH) would work with them to map out their activity for past 14 days, for contact tracing. And if the person has the COVIDSafe application installed, they can consent to upload their COVIDSafe Bluetooth proximity data — making it quicker for DoH to contact people who had close contact with the infected individual, to provide timely guidance and care.

1.1 Purpose

This document details the iOS test scenarios for COVIDSafe application.

1.2 Document Scope

This plan includes:

- Test scenarios in scope for testing

- Test scenarios out of scope for testing

1.3 Project Testing Objectives

The general objectives of the COVIDSafe test efforts are to:

- Test COVIDSafe application on iOS and Android devices.

1.4 Project Related Information

Below url's are relevant for design and layout

https://www.figma.com/file/yaJZynce6cRZI1p9Y6FOEo/COVIDSafe?node-id=3060%3A19724

1.5 Mobile Phones Used

Listed are the mobiles used as part of iOS testing:

- iPad
- iPhone SE
- iPhone 6
- iPhone 8
- iPhone X

2 Scope

2.1 Items in Scope

Below items are in scope for COVIDSafe iOS testing.

2.1.1 Functional Scenarios

Respective screenshots in the below URL will be considered as source of truth while testing the below scenario's.

https://www.figma.com/file/yaJZynce6cRZI1p9Y6FOEo/COVIDSafe?node-id=3060%3A19724

2.1.1.1 Application Install and Register from Application Store

#	Tests (User Action)	Expected	Result
1	Download the COVIDSafe application from Application store.**(install latest version)** Launch the application once download is complete. Make sure to look in latest version in figma screens to test.	0.00 Splash Screen displayed as in Figma IOS Screens - updated background vector image	**PASS**
2	wait (for introduction screen)	1.0 introduction Screen displayed as in Figma iOS Screens 1.00 introduction screen- Let's work together to stop the spread of COVID-19	**PASS**
3	Tap , " I want to help" button	1.01 How it works Screen displayed as in Figma iOS Screens	**PASS**
4	Tap , "Next" button	1.02 Registration and Privacy Screen displayed as in Figma iOS Screens I consent check box	**PASS**
5	Tap , "Next" button	1.03 Registration consent_A Screen displayed Checkbox I consent	**PASS**
6	Negative test: Do not tick the checkbox	I agree button is disabled	**PASS**
7	Tick box I consent and click I agree	I agree button is enabled and navigated to 1.03 Registration consent_B Screen displayed with Checkbox I consent	**PASS**
8	Tap , "I agree " button Note: This is a New Screen	1.04 Enter details_A Screen displayed (for user to enter Full name, Age Range and Postcode) Age Range is dropdown	**PASS**
9	Enter name in 1.04 Enter details_A screen	Navigates to 1.04 Enter details_B Screen is displayed Age Range is dropdown>select age	**PASS**
10	Select age from dropdown click next	1.04 Enter details_C screen is displayed and click continue	**PASS**

11	[Underage scenario] Enter valid values for the following fields: - Full name - Age Range - Postcode Note: use age 15 or younger	1.05 Enter details_under 16 screen is displayed text You need the consent of your parent/guardian to proceed Privacy policy URL > Microsite	**PASS**
12	Check box I proceed Tap "Continue"	Navigates to 1.05 Enter number screen Enter the Mobile Number	**PASS**
13	1.05 Enter number screen Enter the Mobile Number	User is able to enter the Mobile Number in the Number field	**PASS**
14	Tap, "Get PIN" button On 1.05 Enter details_under 16_A screen Tick checkbox I confirm	1.06 Enter PIN_A screen is displayed. PIN received via SMS. Expiry countdown begins from 5 minutes. Note: verify, user is able to open Wrong number and Resend PIN links	**PASS**
15	Tap, "Resend PIN" link.	New PIN is received via SMS. Expiry countdown resets back to 5 minutes.	**PASS**
16	Tap Wrong number? link	Navigated to 1.05 Enter number screen is displayed.	**PASS**
17	From 1.05 Enter number screen: Enter an invalid phone number format. Tap "Get PIN"	1.05 Enter number_error screen is displayed with following pop up notification message "Wrong number format"	**PASS**
18	From 1.05 Enter number_error screen notification message: Tap "OK"	1.05 Enter number screen displayed.	**PASS**
19	From 1.05 Enter number screen: Enter valid mobile number Tap Get PIN Enter the PIN sent, in 1.06 Enter PIN_A Screen.	User is able to enter PIN successfully. (1.06 Enter PIN_B screen)	**PASS**
20	Tap, " Verify" button	1.06 Consent screen is displayed (note: verify, user is able to open Privacy Notice link on screen)	**PASS**

		Progress bar has an extra step Privacy notice URL: Microsite	
21	[Wrong PIN scenario] From 1.06 Enter PIN_A screen: Enter an incorrect PIN. Tap "Verify" button.	1.06 Enter PIN_error screen is displayed.	**PASS**
22	Tap, " Verify" button	1.07 Permissions Screen is displayed - Blutooth -Notificaitons Displayed as in Figma screens	**PASS**
23	Tap, "Proceed" and Verify, Bluetooth dialogue screen	1.07 Permissions dialogueA screen displayed with Bluetooth access Pop up	**PASS**
24	Tap, " OK" on the Would you like to access Bluetooth "pop up	1.07 Permissions dialogueB Screen displayed with Notifications Pop up	**PASS**
25	Tap, " Allow" on the Would you like to Send Notifications "pop up	1.08 Success screen is displayed	**PASS**
26	Negative Scenario , when Bluetooth permission is off/or Bluetooth switched off	1.07 Permissions_error Screen displayed Turn on your Bluetooth	**PASS**
27	Tap, " Continue" button	1.9 Low Battery Screen displayed (Also verify that, On Flipping the iPhone face down, 1.09 Low battery_ mode screen displayed) Flip your iphone upside down for few seconds (hold it or put it down)	**PASS**
28	Tap, " Got it" button	2.0 Home_on Screen displayed With Latest news and updates URL Get the Coronavirus application. URL	**PASS**

2.1.1.2 Tested Positive Scenario's

#	Tests (User Action)	Expected	Result
29	Navigate to Home Screen,	2.00 Home_on Screen displayed	**PASS**
30	Bluetooth off Scenario: (Note: User has turned off Bluetooth on phone , verify, Check Permission Screen	2.00 Home_ Permissions screen, permission Status Bluetooth and Push notifications displayed	**PASS**
31	Tap, "Upload ,my data" on 2.0 Home_on Screen	3.0 Preface screen is displayed	**PASS**
32	Tap, " Continue" button	3.01 Enter PIN_A screen is displayed Upload your data Upload my data button is disabled	**PASS**
33	Enter PIN	3.01 Enter PIN _B screen is displayed with Upload my data button enabled	**PASS**
33	Enter invalid PIN	Invalid PIN number error msg is dispalyed on 3.01 Enter PIN_error screen	**PASS**
34	Enter correct PIN and click upload my data	3.02 uploading data screen is displayed	**PASS**
35	Click on Upload your data on 3.02 uploading screen, if error occurs	3.02 uploading data_error screen is displayed with Upload error	**PASS**
36	Click on Try again on 3.02 uploading screen	3.03 Success screen is displayed with Thanks you! You are helping to stop the spread of COVID-19	**PASS**
37	Click on Done On 3.03 Success screen	Navigated to 3.04 Home_Success screen	**PASS**
38	3.04 Home_Success screen Select FAQ How can I stop sharing my data? If user wants to remove their registration from the data store send SMS to the number where they received the OTP with word "unsubscribe"	User is unsubscribed from the registration by entering the word "unsubscribe" as a SMS to the number from which they received OTP and user is removed from data store	**PASS**
39	2.0 Home_notification screen	Notification is received on home screen upload your data(every day for 14 days)	**PASS**

#	Tests (User Action)	Expected	Result
40	4.03 Success	4.03 Success screen is displayed with Thank you for helping stop the spread of COVID-19!	**PASS**
41	Click Continue on success screen	Navigated to home screen	**PASS**

2.1.1.3 Other Screens

#	Tests (User Action)	Expected	Result
42	Open "Help"	5.00 Help – GENERAL, ABOUT COVIDSafe, PERMISSIONS AND PRIVACY, PERMISSIONS, PRIVACY AND DATA, USING COVIDSafe, ELIGIBILITY, HOW TO USE, IF YOU WERE IN CLOSE CONTACT WITH A COVID-19 CASE, LATEST UPDATES ON COVID-19, LEGAL	**PASS**
43	Open " Report an issue"	6.0 Feedback module Screen displayed	**PASS**
44	Enter " text " for issue and Enter email address and click send	Feedback successfully sent message shows on screen	**PASS**

2.1.1.4 Report an issue

#	Tests (User Action)	Expected	Result
45	Select Report an issue link on Help screen and it opens a new screen Screen 6.00 Feedback module	Report an issue screen is displayed	**PASS**
46	Screen 6.00 Feedback module	UI displays the following : . Heading -> Report an issue . Subject line-> Found an issue in the COVIDSafe application? . Please describe the issue (Free text for details to be entered). . Enter your email address (required). .Text – We may reach out to you for further details about your feedback. Your email address won't be used for any other purpose.	**PASS**

#	Tests (User Action)	Expected	Result
		Control Buttons : Cancel (enabled) Send(enabled)	
47	Disable Send button	Send button is disabled.	**PASS**
48	Click on cancel button without entering any information on page	User is navigated back to Previous screen i.e. 4.0 Help screen	**PASS**
49	Enter all the required details on the 5.0 Feedback Module page except email address.	Application displays an error message. (TBC)	**PASS**
50	Enter Special characters like #% $etc	Application displays an error message.	**PASS**
51	Enter Invalid email ID	Application displays an error message. (TBC)>Invalid email address	**PASS**
52	Enter all valid data on the page including correct email address and free text in Please describe the issue field.	Send button is enabled.	**PASS**
53	Click on Send button.	Message sent Successfully without any error messages and User is navigated back in the COVID application.	**PASS**

2.1.1.5 Mobile Number Authentication and OTP

#	Tests (User Action)	Expected	Result
54	1.05 Enter number screen.	Refer to figma screen "1.05 Enter number" for layout and content. UI displays the following : . Heading -> Enter your mobile number Area code with text box displayed to enter the relevant mobile ##. Text: We'll send you a six digit pin to verify your mobile number. .New text is added Control Button : Get PIN	**PASS**

55	1.05 Enter details_under 16_A	Refer to figma screen "1.05 Enter details_under 16" for layout and content. Control Button : Continue	**PASS**
56	[1.05 Enter number] Click on Get PIN button without entering any data in mobile number field	Wrong number format error is displayed	**PASS**
57	Test invalid mobile number combinations : Enter alphabets, special characters, alphanumeric in mobile number field & Click on Get PIN button.	Error message is displayed as below: Invalid Phone number.	**PASS**
58	Enter valid mobile number and Click on Get PIN button	Respective mobile number receives the six digit OTP ## and user is navigated to Enter PIN screen.	**PASS**
59	1.06 Enter PIN_A	Refer to figma screen "1.06 Enter PIN_A" for layout and content. UI displays the following : Enter the PIN that was sent to +61********** Hyperlink: Wrong number? Your code will expire in 5 mins Resend PIN	**PASS**
60	1.06 Enter PIN_A Click on Hyperlink: Wrong number?	Navigated to back screen	**PASS**
61	1.06 Enter PIN_A Enter wrong PIN ## and click on Verify.	Wrong PIN entered is displayed	**PASS**
62	1.06 Enter PIN_A Click on Resend PIN	User receives the new PIN on the respective mobile number	**PASS**
63	1.06 Enter PIN_A Enter the valid PIN received	Verify button is Enabled.	**PASS**
64	Click on Verify button.	PIN number entered is verified successfully and user is navigated to 1.07 Permissions screen.	**PASS**

2.1.1.6 Permissions Screen

#	Tests (User Action)	Expected	Result
65	On Application Permissions screen, Tap Proceed button, Tap OK button on Access Bluetooth Tap Allow button on Send notifications Tap Allow "COVIDSafe" to access your location while you are using the application? Tap Continue on 1.07 Permissions_error screen.	Page 1.08 Success displays.	**PASS**
66	On Application Permissions screen, Tap Proceed button, Tap Allow button on Access Bluetooth (on Mobile setting, manually turn off Bluetooth) Tap OK button on Send notifications Tap Continue on 1.07 Permissions_error screen.	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: On (Green Tick) Bluetooth: Off (Red Cross) Push Notifications: On (Green Tick)	**PASS**
67	On Application Permissions screen, Tap Proceed button, Tap Deny button on Access Bluetooth (on Mobile setting, manually turn off Bluetooth) Tap OK button on Send notifications Tap Continue on 1.07 Permissions_error screen.	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: Off (Red Cross) Bluetooth: Off (Red Cross) Push Notifications: On (Green Tick)	**PASS**
68	On Application Permissions screen, Tap Proceed button, Tap Deny button on Access Bluetooth (on Mobile setting, manually turn on Bluetooth) Tap OK button on Send notifications Tap Continue on 1.7 Permissions_error screen.	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: Off (Red Cross) Bluetooth: On (Green Tick) Push Notifications: On (Green Tick)	**PASS**

69	On Application Permissions screen, Tap Proceed button, Tap Allow button on Access Bluetooth Tap Don't allow button on Send notifications Tap Continue on 1.07 Permissions_error screen.	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: On (Green Tick) Bluetooth: On (Green Tick) Push Notifications: Off (Red Cross)	**PASS**
70	On Application Permissions screen, Tap Proceed button, Tap Deny button on Access Bluetooth (on Mobile setting, manually turn off Bluetooth) Tap Don't allow button on Send notifications Tap Continue on 1.07 Permissions_error screen.	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: Off (Red Cross) Bluetooth: Off (Red Cross) Push Notifications: Off (Red Cross)	**PASS**
71	In Mobile Phone settings, Enable Bluetooth Sharing. Note: For iPhone 6 navigation: Open Settings > tap COVIDSafe application. Relaunch the "COVIDSafe" application.	Page 2.0A Home_permissions page displays, with below status: Allow Bluetooth: On (Green Tick) Bluetooth: Off (Red Cross) Push Notifications: Off (Red Cross)	**PASS**
72	In Mobile Phone settings, Enable Bluetooth [Settings > Bluetooth] Enable Push Notifications [Settings > COVIDSafe > Notifications > Allow Notifications] Relaunch the "COVIDSafe" application.	Page 2.00 Home_on displays.	**PASS**
73	After successful setup the installation with allow permissions, manually change the mobile phone setting, Disable Bluetooth Sharing. [Settings > COVIDSafe > Bluetooth Sharing] Disable Push Notifications. [Settings > COVIDSafe > Notifications > Allow Notifications] Disable Bluetooth [Settings > Bluetooth]	Page 2.00 Home_permissions page displays, with below status: Allow Bluetooth: Off (Red Cross) Bluetooth: Off (Red Cross) Push Notifications: Off (Red Cross)	**PASS**

	Relaunch the "COVIDSafe" application.		
74	Manually change the mobile phone setting, Enable Bluetooth Sharing. [Settings > COVIDSafe > Bluetooth Sharing] Enable Push Notifications. [Settings > COVIDSafe > Notifications > Allow Notifications] Switch on Bluetooth [Settings > Bluetooth] Relaunch the "COVIDSafe" application.	Page 2.00 Home_on displays.	**PASS**
75	Bluetooth on the mobile is switched off. User has installed and registered on the COVIDSafe application with no permissions allowed and is now viewing the 2.00 Home_permissions screen. Tap on the red cross next to the Allow Bluetooth permission.	1.07 Permissions screen is displayed.	**PASS**
76	Tap Proceed. Click Allow button on Access Bluetooth (on Mobile setting, manually turn ON Bluetooth) Click OK button on Send notifications Click Continue on 1.07 Permissions_error screen.	The Access Bluetooth and Send Notifications pop-up dialogue messages are not displayed 1.08 Success screen is displayed.	**PASS**
77	Bluetooth on the mobile is switched off. User has installed and registered on the COVIDSafe application with no permissions allowed and is now viewing the 2.0A Home_permissions screen. Tap on the red cross next to the Bluetooth permission.	1.07 Permissions screen is displayed.	**PASS**
78	Tap Proceed. Click Allow button on Access Bluetooth	1.08 Success screen is displayed.	**PASS**

	(on Mobile setting, manually turn ON Bluetooth) Click OK button on Send notifications Click Continue on 1.07 Permissions_error screen.		
79	Bluetooth on the mobile is switched off. User has installed and registered on the COVIDSafe application with no permissions allowed and is now viewing the 2.00 Home_permissions screen. Tap on the red cross next to the Push Notifications permission.	1.07 Permissions screen is displayed.	**PASS**
80	Tap Proceed. Click Allow button on Access Bluetooth (on Mobile setting, manually turn ON Bluetooth) Click OK button on Send notifications Click Proceed on 1.07 Permissions screen.	1.8 Success screen is displayed.	**PASS**

2.1.1.7 Authentication of upload Data

#	Tests (User Action)	Expected	Results
81	Enter wrong PIN ## and click on Upload my data	Error message is displayed as below: Invalid PIN, please ask the health official to send you another PIN	**PASS**
82	Ask for resend PIN	User receives the new PIN on the respective mobile number	**PASS**
83	Enter the valid PIN received	Upload my data button is Enabled.	**PASS**
84	Click on Upload my data button.	Navigated to 3.03 Success screen is displayed	**PASS**

2.1.1.8 Links

#	Tests (User Action)	Expected	Results
85	Select 'Privacy policy' link on 1.02 Registration and Privacy screen	Privacy policy link is open in microsite	**PASS**
86	On 1.02 Registration and Privacy screen click on 'you may also ask for your information' link	you may also ask for your information' link is open in microsite	**PASS**
87	On 1.02 Registration and Privacy screen Click on "{Australian Government Department of Health website"	Link opened in health.gov.au	**PASS**
88	Select Privacy policy link on 1.04 Enter details_A screen	"Privacy policy link is open in microsite	**PASS**
89	Select Privacy policy link on 1.04 Enter number_B screen	Privacy policy link is open in microsite	**PASS**
90	Select 'Privacy policy ' link on 1.05 Enter details_under 16 A screen	Privacy policy link is open in microsite	**PASS**
91	Select 'Privacy policy ' link on 3.0 Preface screen	Privacy policy link is open in microsite	**PASS**

#	Tests (User Action)	Expected	Results
92	Click on FAQ link on 3.04 Home_success screen	New screen is open with FAQ details	**PASS**
93	'Privacy Policy' link in 5.0 Help screen (How to use COVIDSafe)	**"Privacy Policy"** screen is displayed with details. Screen 5.00 help	**PASS**

2.1.1.9 Help

#	Tests (User Action)	Expected	Results
94	COVIDSafe open and running with user viewing the 2.00 Home_on screen. Tap the (?) Help icon. User is taken from the application to the FAQ/Help microsite. Ensure correct screen and content is displayed. (Figma screen 5.00 Help)	Content matches the Figma screen 5.00 Help.	**PASS**
95	Ensure correct screen and content displayed when user opens microsite for following Question. (Figma 5.00 Help Screen) Does COVIDSafe need to be open to work?	Figma screen 5.00 Help. Microsite Content displayed for the Question Does COVIDSafe need to be open to work?	**PASS**
96	Ensure correct screen and content displayed when user opens microsite for following Question. (Figma 5.00 Help Screen) How do I set up COVIDSafe	Figma screen 5.00 Help. Microsite Content displayed for the Question How do I set up COVIDSafe	**PASS**
97	Ensure correct screen and content displayed when user opens microsite for following Question. (Figma 5.00 Help Screen)	Figma screen 5.00 Help. Microsite Content displayed for the Question How is my data protected	**PASS**

98	Ensure correct screen and content displayed when user opens microsite for following Question. (Figma 5.00 Help Screen) Can CovidSafe track the location of all devices installed with COVIDSafe?	Figma screen 5.00 Help. Microsite Content displayed for - Can CovidSafe track the location of all devices installed with COVIDSafe	**PASS**
99	Ensure correct screen and content displayed when user opens microsite for following Question. (Figma 5.00 Help Screen) How long should I keep the app running? Do I need to keep my phone's Bluetooth turned on all the time?	Figma screen 5.00 Help. Microsite Content displayed for the Question How long should I keep the app running? Do I need to keep my phone's Bluetooth turned on all the time?	**PASS**
100	Ensure correct screen and content displayed when user opens microsite for following Question. (Figma 5.00 Help Screen) Would keeping COVIDSafe running all the time drain my battery quickly?	Figma screen 5.00 Help. Microsite Content displayed for the Question - Would keeping COVIDSafe running all the time drain my battery quickly?	**PASS**
101	**Eligibility:** Ensure correct screen and content displayed when user opens microsite for following Question. (Figma 5.00 Help Screen) Who can use COVIDSafe **I think I may have been in close contact with someone with COVID-19,Should I upload my data**	Figma screen 5.00 Help. Microsite Content displayed for the Question Who can use COVIDSafe? Figma screen 5.00 Help. Microsite Content displayed for the Question Who can use COVIDSafe **I think I may have been in close contact with someone with COVID-19,Should I upload my data**	**PASS**
102	COVIDSafe open and running with at least one permission denied. User is viewing the 2.00 Home_permissions screen.	Content matches the Figma screen 5.00 Help.	**PASS**

	Tap the (?) Help icon. User is taken from the application to the FAQ/Help microsite. Ensure correct screen and content is displayed. (Figma screen 5.00 Help)		
103	COVIDSafe open and running. User has just uploaded data and is viewing the 3.03 Home_success screen. Tap the (?) Help icon. User is taken from the application to the FAQ/Help microsite. Ensure correct screen and content is displayed. (Figma screen 5.00 Help)	. Content matches the Figma screen 5.00 Help.	**PASS**
104	COVIDSafe open and running. User has just uploaded data and is viewing the 3.03 Home_success screen. Tap the FAQ link. User is taken from the application to the FAQ/Help microsite. Ensure correct screen and content is displayed. (Figma screen 5.00 Help)	Content matches the Figma screen 5.00 Help.	**PASS**
105	COVIDSafe open and running. User has already uploaded data and is viewing the 4.00 Home_upload screen. Tap the (?) Help icon. User is taken from the application to the FAQ/Help microsite. Ensure correct screen and content is displayed. (Figma screen 5.00 Help)	Content matches the Figma screen 5.00 Help.	**PASS**
106	COVIDSafe open and running. User has already uploaded data and is viewing the 4.00 Home_upload screen. Tap the FAQ link. User is taken from the application to the FAQ/Help microsite.	Content matches the Figma screen 5.00 Help.	**PASS**

	Ensure correct screen and content is displayed. (Figma screen 5.00 Help)		
107	COVIDSafe Help/FAQ microsite is open on an iPhone. Tap on each sub heading	Each heading expands to reveal further information.	**PASS**
108	we have 2 mobile devices with same number we register the two mobiles using the same number we upload the data on one device > Health officer sends the PIN	OTP is received, entered and successfully uploaded the data	**PASS**
109	we upload the data on the other device using same mobile number as above > Health officer sends the PIN	OTP is received, entered and successfully uploaded the data	**PASS**

2.1.1.10 Bluetooth connectivity and misc. Scenarios

#	Tests (User Action)	Expected	Results
110	Test the connectivity and application functionality between devices when they are connected to other Bluetooth devices (for example: Bluetooth headset, car Bluetooth,)	Encounter registered in logs	**PASS**
111	Uninstall COVIDSafe application. then Re-install and check Bluetooth connectivity	Should use the same identifier as the phone number is same	**PASS**
112	Background state of COVIDSafe application. and check Bluetooth connectivity	Encounter registered in logs	**PASS**
113	Foreground state of COVIDSafe application. and check Bluetooth connectivity	Encounter registered in logs	**PASS**
114	Suspended state of COVIDSafe application. (**example: for this play high end games or open**	NO Encounter registered in logs	**PASS**

		few apps in backend) and check Bluetooth connectivity		
115	User is out of range (example: 10m and 15m) Hint: Try from Elevator, Car park	Encounters registered in the logs (Debug logs) from 10m and 15m (for example: 10m (elevator), 15m(carpark)) and out of range thereafter	**PASS**
116	User does not give permission for COVIDSafe application to access Bluetooth	No encounters recorded	**PASS**
117	User does not give permission for COVIDSafe application to push notifications	Unable to complete setup	**PASS**
118	User kills the COVIDSafe application after an encounter	Encounter registered in logs	**PASS**
119	Logs wiped from mobile when user deletes the COVIDSafe application	Logs are wiped	**PASS**
120	The COVIDSafe application running while lock screen is on	Encounter registered in logs	**PASS**
121	User switches Bluetooth on and off while COVIDSafe application is running	Encounter registered in logs	**PASS**
122	Shake iPhone	Debug screen launched	**PASS**
123	Multiple mobiles with COVIDSafe application are within 10 meters of each other	Encounter registered in logs for each mobile	**PASS**
124	Test the connectivity and application functionality between devices with in the minimum expected distance	Encounter registered in logs	**PASS**
125	Test the connectivity and application functionality between devices with "Partial partition" as obstacle	Encounter registered in logs	**PASS**
126	Test the connectivity and application functionality between devices in a moving vehicle	Encounter registered in logs	**PASS**
127	Test the connectivity and application functionality between devices when a close by microwave is in operation	Encounter registered in logs	**PASS**

128	Test the connectivity and application functionality between devices when a close by electromagnetic device is in operation	Encounter registered in logs	**PASS**
129	Test the connectivity and application functionality between devices when both the devices are connected to multiple devices via Bluetooth	Encounter registered in logs	**PASS**
130	Polling occurs 10 Seconds every Minute. (Positive Scenario)	Polling has occurred only once.	**PASS**
131	Polling does not occur in less than 10 Seconds. (Negative Scenario)	Polling has NOT occurred.	**PASS**
132	Placeholder Share the Application to others	Able to send install link to others	**PASS**

2.1.1.11 Devices Scenarios for IOS

#	Tests (User Action)	Expected result	Results
133	IOS to IOS one on one encounter	Encounter registered in logs	**PASS**
134	iOS to Android one on one encounter	Encounter registered in logs	**PASS**
135	Android to Android one on one encounter	Encounter registered in logs	**PASS**
136	iOS to iOS multiple encounters same time	Encounter registered in logs	**PASS**
137	Android to Android multiple encounters same time	Encounter registered in logs	**PASS**
138	iOS to Android multiple encounters same time	Encounter registered in logs	**PASS**

2.1.1.12 Usability & Accessibility

#	Test Scenario's	Expected result	Results
139	COVIDSafe open on an iPhone. Pinch the screens with your fingers.	The screen zooms out	**PASS**
140	COVIDSafe open on an iphone. Expand the screens with your fingers.	The screen Zooms in	**PASS**
141	COVIDSafe open on an iPhone.	Page fits on the screen comfortably. Text on screen is readable.	**PASS**

142	COVIDSafe open on an iPhone. Drag your finger along the screens.	Able to scroll the page.	PASS
143	COVIDSafe open on an iPhone.	Page fits on the screen comfortably. Text on screen is readable.	PASS
144	Use of Colour	Set device to use grayscale colours only in accessibility settings. Check that colour alone is not used as the only means of conveying information. Able to read all the COVIDSafe application screens.	PASS
145	Contrast (Minimum)	Set the device contrast to minimum and check that COVIDSafe application pages are readable	PASS
146	Contrast (Maximum)	Set the device contrast to maximum and check that COVIDSafe application pages are readable	PASS
147	Keyboard (Using Voice)	Enter the pins in the COVIDSafe application using Voice (Use device settings to activate the functionality)	PASS
148	COVIDSafe application Headings and Labels	Check that headings used for organizing content and labels for user interface controls and form inputs describe their topic or purpose.	PASS
149	Read the Page functionality	Activate the screen reader functionality on the device. Set focus to COVIDSafe application page content and the screen reader should speak text in the proper speech language synthesizer.	PASS
150	Focus Visible	Navigate through all elements of the COVIDSafe application using a keyboard and check that focus is always visible. Check that the currently focused element is always visible on screen.	PASS
151	Push notifications language	Set the device language to language other than English. COVIDSafe application push notifications received in the selected language.	PASS
152	Application Language	Set the device language to language other than English. COVIDSafe application pages display in the selected Language.	PASS
153	Read the page (In Language other than English)	Set the device language to language other than English. Activate the screen reader functionality on the device.	PASS

		Set focus to COVIDSafe application page content and the screen reader should speak text in the proper speech language synthesizer.	

2.2 Non -Functional Scenario's for COVIDSafe application

#	Test Scenario's	Expected result	Results
154	Encounters occur when COVIDSafe phone is locked application open.	Encounter registered in logs	**PASS**
155	No encounter occurs when: One phone has Bluetooth off Other phone with Bluetooth on.	Encounter registered in logs	**PASS**
156	Encounters occur when COVIDSafe phone is unlocked and application open.	Encounter registered in logs	**PASS**
157	Enter an invalid phone number into enter your mobile number set up. i.e. put in alphas or symbols	error message displayed	**PASS**
158	Enter an invalid Pin code	error message displayed	**PASS**
159	Click on this Share COVIDSafe in 2.00 Home_On Screen	Able to share the COVIDSafe application.	**PASS**
161	Click on the privacy policy link on upload to upload my data screen	you are navigated to the privacy policy screen	**PASS**
162	IPhone unlocked with COVIDSafe icon in view. Another person walks past with the COVIDSafe application installed.	The COVIDSafe application ripples.	**PASS**

2.2.1.1 FAQ

	Test Scenario	Expected result	Results
163	Open the FAQ from the website	The UI of the page exactly matches what displays within "https://website.prod.lp.aws.covidsafe.gov.au/faqs.html	**PASS**
164	Open each individual twistie on the page	Each twistie contains the same information as displays within "https://website.prod.lp.aws.covidsafe.gov.au/faqs.html"	**PASS**
165	Select each Hyperlink on the page	Each hyperlink leads to external microsites containing more information regarding each sub-category the hyperlink was selected within.	**PASS**

| | | (i.e. If selecting 'aus.gov.au' hyperlink in 'How can I find the latest government updates on COVID-19', you will see more information regarding the latest updates) | |

2.2.1.2 Website

	Test Scenario	Expected result	Results
166	Open the Website	The website UI matches what displays in: https://website.prod.lp.aws.covidsafe.gov.au/	**PASS**
167	APPLE PHONE USER Under 'Let's work together to stop the spread of COVID-19, select 'Download on the App Store'.	The Apple App Store opens to the COVIDSafe app.	**PASS**
168	Under 'You're in control of your information', select the 'Privacy policy' hyperlink	A microsite opens with information matching the below URL: https://website.prod.lp.aws.covidsafe.gov.au/terms-and-conditions.html	**PASS**
169	Select the 'Home' hyperlink at the bottom of the website.	The website UI matches what displays in: https://website.prod.lp.aws.covidsafe.gov.au/index.html	**PASS**
170	Select the 'Privacy policy' hyperlink at the bottom of the website.	A microsite opens with information matching the below URL: https://website.prod.lp.aws.covidsafe.gov.au/privacy-notice.html	**PASS**
171	Select the 'FAQs' hyperlink at the bottom of the website.	A microsite opens with information matching the below URL: https://website.prod.lp.aws.covidsafe.gov.au/faqs.html	**PASS**

2.2.1.3 Admin Portal

#	Test Scenario's	Expected result	Results
172	Launch Admin Portal in browser URL: https://admin.sit.dnp.aws.covidsafe.gov.au/	The 1.0 Welcome screen is displayed. Buttons: Sign into your account. Content and layout matches Figma 1.0 Welcome screen.	**PASS**
173	[1.0 Welcome] Click on 'Sign into your account'	The **1.01 Sign in** screen is displayed. Content and layout matches Figma 2.01 Sign in screen. Fields: Email, Password Buttons: Sign in Links: Forgot your password?	**PASS**
174	[1.01 Sign In] Enter a valid email address (registered) Enter correct password Click 'Sign in'	User is taken to the 2.00 Dashboard screen. Content and layout matches Figma 2.00 Dashboard screen. No data is shown. Fields: Search phone number Buttons: Search, Sign out	**PASS**
175	[2.00 Dashboard] Click 'Sign out'	The user is returned to the Welcome page	**PASS**
176	[2.00 Dashboard] Enter a value that is a partial match for mobile number Click 'Search'	Partial matches are not allowed	**PASS**
177	[2.00 Dashboard] Enter a value that begins with a mobile number Click 'Search'	Partial matches are not allowed	**PASS**
178	[2.00 Dashboard] Enter a value that ends with a mobile number Click 'Search'	Partial matches are not allowed	**PASS**

179	[2.00 Dashboard] Enter a non-numeric value for a mobile number Click 'Search'	Field does not accept non-numeric numbers	**PASS**
180	[2.00 Dashboard] Enter a phone number that has not been registered. Click 'Search'	Message displayed indicating no records found.	**PASS**
181	[2.00 Dashboard] Enter a phone number that has been registered to one device and has never had data uploaded. Click 'Search'	System navigates to 2.01 Case details screen Content and layout matches Figma 2.01 Case details screen. User is able to see the registered case details. Case details are correct. Status is 'Registered'. User is able to generate and send a pin to the specific case to enable health data upload. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status Side heading: Send Pin Buttons: - Send PIN	**PASS**

| 182 | [2.00 Dashboard]
Enter a phone number that has been registered to one device and has had at least one data upload.
Click 'Search' | System navigates to 2.01 Case details screen
Content and layout matches Figma 2.01 Case details screen.
User is able to see the registered case details.
Case details are correct.
Status is 'Open'.
User is able to generate and send a pin to the specific case to enable health data upload.

Read only fields:
- Phone number
- Full name
- Age Range
- Postcode
- Last data upload
- Status
Side heading: Send Pin
Buttons:
- Send PIN | **PASS** |

183	[2.00 Dashboard] Enter a phone number that has been registered to one device and has completed the self-isolation period. Click 'Search'	System navigates to 2.01 Case details screen Content and layout matches Figma 2.01 Case details screen. User is able to see the registered case details. Case details are correct. Status is 'Closed'. User is able to generate and send a pin to the specific case to enable health data upload. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status Side heading: Send Pin Buttons: - Send PIN	**PASS**
184	[2.00 Dashboard] Enter a phone number that has been registered with multiple devices. Click 'Search'. Note: One device is registered and no data uploaded. One device is registered with data uploaded. One device is registered with self isolation period completed.	System navigates to the 2.00 Dashboard_multiple screen. Table contains a record for each device registered for the phone number. Table columns and <expected values> are: - Phone number <phone number> - Status <'**Registered**' for device with no data upload; '**Case Open**' for device with uploaded data; '**Case Closed**' for device with self isolation period completed> - Registered <date and time registered> - Last upload <blank for device with no data upload; date and time stamp of last data upload for other devices> - Full name <full name the device was registered under> Links: Phone number value	**PASS**

| 185 | [2.00 Dashboard_multiple]
Click on a phone number in the Phone number column of the table corresponding to the registered device with no data uploaded. | System navigates to 2.01 Case details screen
Content and layout matches Figma 2.01 Case details screen.
User is able to see the registered case details. Case details are correct.
Status = 'Registered'.
User is able to generate and send a pin to the specific case to enable health data upload.

Read only fields:
- Phone number
- Full name
- Age Range
- Postcode
- Last data upload
- Status
Side heading: Send Pin
Buttons:
- Send PIN | **PASS** |

| 186 | [2.00 Dashboard_multiple]
Click on a phone number in the Phone number column of the table corresponding to the registered device with data already uploaded.

One device is registered with self isolation period completed. | System navigates to 2.01 Case details screen
Content and layout matches Figma 2.01 Case details screen.
User is able to see the registered case details. Case details are correct.
Status = 'Case Open'.
User is able to generate and send a pin to the specific case to enable health data upload.

Read only fields:
- Phone number
- Full name
- Age Range
- Postcode
- Last data upload
- Status
Side heading: Send Pin
Buttons:
- Send PIN | **PASS** |

187	[2.00 Dashboard_multiple] Click on a phone number in the Phone number column of the table corresponding to the registered device with isolation period completed.	System navigates to 2.01 Case details screen. Content and layout matches Figma 2.01 Case details screen. User is able to see the registered case details. Case details are correct. Status = 'Case Closed'. User is able to generate and send a pin to the specific case to enable health data upload. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status Side heading: Send Pin Buttons: - Send PIN	**PASS**
188	[2.00 Dashboard] Place holder for clearing screen	2.00 Dashboard screen is reset.	**PASS**
189	[2.01 Case details] Click on 'Send PIN' Note: Mobile User is ready to upload data for first time and is ready to accept PIN.	2.02 Send PIN screen is displayed. PIN is sent to the registered mobile number. PIN will expire in 5mins. Buttons: - Cancel - Send another PIN	**PASS**
190	[2.02 Send PIN] Click 'Cancel'		**PASS**

191	[2.02 Send PIN] Click on 'Send another PIN' before PIN expires. Note: - Mobile User is ready to upload data for first time and is ready to accept PIN. - Mobile user waits to receive two PINS and then enters the first PIN. - First PIN gets rejected and Mobile user tries the second PIN.	A new pin is generated and sent to registered mobile number. PIN expiry countdown timer is reset to 5 mins. Registered mobile user: - The original PIN is rejected by the COVIDSafe app. - The New PIN is accepted by the COVIDSafe app to enable health data upload.	**PASS**
192	[2.02 Send PIN] Click on 'Send another PIN' after PIN expires. Note: - Mobile User is ready to upload data for first time and is ready to accept PIN. - Mobile user waits to receive two PINS and then enters the first PIN. - First PIN gets rejected and Mobile user tries the second PIN.	A new pin is generated and sent to registered mobile number. PIN expiry countdown timer is reset to 5 mins. Registered mobile user: - The expired PIN is rejected by the COVIDSafe app. - The New PIN is accepted by the COVIDSafe app to enable health data upload.	**PASS**

193	[2.02 Send PIN] Mobile user has initiated data upload.	2.03 Verified number screen is displayed. Content and layout matches Figma 2.03 Verified number screen. Status has changed to 'Open'. User is shown the phone number is verified. User is shown an "encounter data is being processed" notice. Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status	**PASS**
194	[2.03 Verified number] Data has been uploaded and processed.	2.04 Encounter list screen is displayed. Content and layout matches Figma 2.03 Verified number screen. Note: upload and processing may take a long time, anywhere from seconds to a few hours. [Details pane] Read only fields: - Phone number - Full name - Age Range - Postcode - Last data upload - Status [Encounters table] Read only fields: - Phone number (note: value is a hyperlink) - Full name - Status - Encounters	**PASS**

		- Last encounter date - Max RSSI - Max TX Power	
195	[2.04 Encounter list] Data has been uploaded and processed	The encounters table shows an aggregated view of all encounters that patient has come into contact. Note: the number of encounters match those in the phone's logs. Can use the debug screen to compare.	**PASS**
196	[2.04 Encounter list] Sort Encounters table by Encounters column	User is able to sort (High-low) by encounters.	**PASS**
197	[2.04 Encounter list] Click on one phone number under Encounters	System navigates to the 3.00 Encounter details screen is displayed. Content and layout matches Figma 3.00 Encounter details screen. Detailed view of all encounters with the selected phone number is displayed. Read only fields: - Phone number - Full name - Age Range - Postcode	**PASS**
198	[3.00 Encounter details] Sort table by Encounter date	User is able to sort (High-low) by Encounter date.	**PASS**
199	[3.00 Encounter details] Sort table by Max RSSI	User is able to sort (High-low) by Max RSSI.	**PASS**
200	[3.00 Encounter details] Sort table by Max TX Power	User is able to sort (High-low) by Max TX Power	**PASS**

| 201 | [3.00 Encounter details]
Check Encounters match encounters recorded on mobile phone
Note: use mobile information accessed by debug screen and compare to information displayed in Admin Portal | The encounter information displayed in the table matches the information captured in the mobile phone | **PASS** |

2.3 Items out of scope

- Security and Penetration testing

- Load and stress testing

End of document