From:	Alan Monnox
To:	"Jeanette Elley"
Subject:	Test Doc
Date:	Thursday, 11 August 2022 3:15:00 pm
Attachments:	My-Health-Account-Testing-Requirements.pdf

Alan Monnox

Data and Digital

Interim Health New Zealand

From:	Jeanette Elley
To:	Dylan Nyika; Bhumika Talsania; Alan Monnox
Cc:	Manvir Singh; Asfahaan Mirza; Sanju Nannuri; Karanti Kaur Shergill; Alexandra Hawkhead
Subject:	RE: Revised MMH UI/UX wireframes - error message clarification
Date:	Thursday, 11 August 2022 1:12:56 pm
Attachments:	image001.png
	image002.png
	image003.png
	image004.png
	image005.png
	image006.png
	image007.png
	image008.png
	image009.png
	image010.png
	image011.png

Hi Dylan,

Thanks for your query about the error messages.

I'm currently working on an updated version of the BRD which will include the latest wireframes, updated error messages, and which will more clearly differentiate between phases 1 & 2. I'll get that to you within the next few days.

In the meantime, the previous versions of the error messages were fairly similar, and they were on **page 6 of the BRD dated 27-Jul-22**.

The error conditions in that document can be gleaned from the table above the error message list (via error message number) but that may appear rather obscure, so I will attempt to list (an updated version) of them more clearly here.

Note that I have also changed the error message numbering slightly, to help tie them more clearly with user story 1 or 2, or both.

Ref	US-1 sign-up error condition	US-2 sign-in error condition	Message
1	MHA authentication was unsuccessful, and the user clicked close to exit that page	MHA authentication was unsuccessful, and the user clicked close to exit that page	"My Health Account (MHA)" authentication was unsuccessful. Please choose an alternative method to sign in to Manage My Health (MMH).
2.1	MHA authorisation for sign-up was successful but the MHA sub, NHI, or email is already stored against an existing MMH account		"My Health Account (MHA)" authentication from Manage My Health (MMH) was unsuccessful because this MHA account [or MHA NHI or MHA email] is linked to another MMH account. Please sign-in to that account. *[Where sign-up should be sign-in]*
2.2a		MHA authorisation for sign-in was successful but MHA sub was not found.	**[Phase 1 only]** "My Health Account (MHA)" authentication from Manage My Health (MMH) was unsuccessful because this MHA account was not found in MMH. Please either sign up using MHA, or sign in using your MMH password. *[Where sign-in should be sign-up. Note that US-3 in Phase 2 will allow an existing MMH user to initiate their first MHA authentication]*
2.2b		MHA authorisation for sign-in was successful and matched on MHA sub, but MHA NHI, or email is stored against a different MMH account	"My Health Account (MHA)" authentication from Manage My Health (MMH) was unsuccessful because this MHA account [or MHA NHI or MHA email] is linked to another MMH account. [*Account conflict suggested action to be determined ...*]
3	MHA authorisation for sign-up was successful but MHA confidence level is lower than 3	MHA authorisation for sign-in was successful but MHA confidence level is lower than 3	"My Health Account (MHA)" authentication was unsuccessful because your "My Health Account (MHA)" confidence level is insufficient for MHA verification status to be granted within Manage My Health (MMH). Please independently log in to your "My Health Account", add identity documents there, then try MHA authentication from MMH again.
4	MHA authorisation for sign-up was successful but the user changed their MMH profile data (NHI, name, or DOB) before saving it	MHA authorisation for sign-in was successful but the MHA user data does not match the MMH profile data (for NHI, name or DOB)	"My Health Account (MHA)" authentication was unsuccessful because the accessed MHA patient data does not match the profile data in your Manage My Health (MMH) account. If this is your MHA account, then please align the data between MHA and MMH, then try MHA authentication from MMH again.

Now relating these conditions to the supplied error message images –

Error condition 1 – (failed MHA authentication)
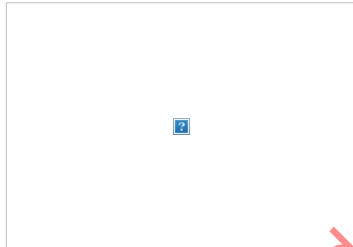
Error condition 2.1 – Sign-up attempt but MHA account sub (or email or NHI) appears to already be linked to an existing MMH account (sign-up should be sign-up)
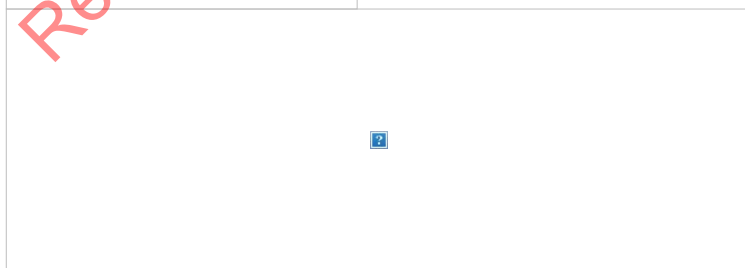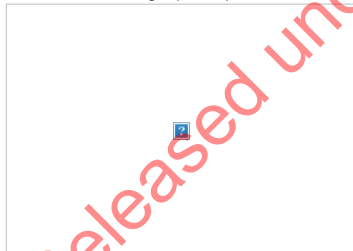
Error condition 2.2a – Phase 1 only – sign-in attempt without a previous MHA sign-up (sign-in should be sign-up)
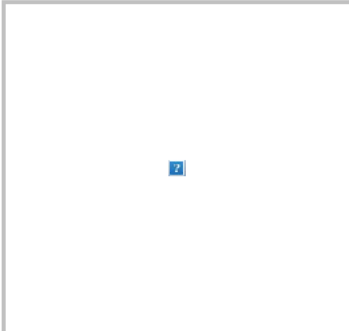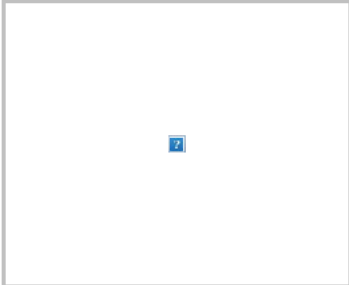
Error condition 2.2b – sign-in attempt with account conflict on email or NHI (copied from 2.1 above but we need a different action suggestion at the end – TBD)

Error condition 3 – MHA Confidence level not high enough

Error condition 4 – user profile data no longer matches between MHA and MMH

I hope this helps. Catch up soon.
Thanks & Regards
Jeanette E.

From: Dylan Nyika <Dylan.Nyika@health.govt.nz>
Sent: Thursday, 11 August 2022 10:44 am
To: Jeanette Elley 9(2)(a) ; Bhumika Talsania <Bhumika.Talsania@health.govt.nz>; Alan Monnox <Alan.Monnox@health.govt.nz>
Cc: Manvir 9(2)(a) ; Asfahaan Mirza 9(2)(a) ; Sanju Nannuri 9(2)(a) ; Karanti Kaur Shergill 9(2)(a) ; Alexandra Hawkhead <Alexandra.Hawkhead@health.govt.nz>
Subject: RE: Revised MMH UI/UX wireframes

Hi Jeanette,
Thanks for sending this through.
Could you please provide some context around the error messages – e.g. what has the user attempted to do, what circumstances have resulted in the error message, is there anything that the user can do to fix?
Apologies if this info is in the requirements document – I tried to find the info there but wasn't able to.
Many thanks,
Dylan

From: Jeanette Elley 9(2)(a)
Sent: Wednesday, 10 August 2022 5:19 pm
To: Bhumika Talsania <Bhumika.Talsania@health.govt.nz>; Dylan Nyika <Dylan.Nyika@health.govt.nz>; Alan Monnox <Alan.Monnox@health.govt.nz>
Cc: Manvir Singh 9(2)(a) ; Asfahaan Mirza 9(2)(a) ; Sanju Nannuri 9(2)(a) ; Karanti Kaur Shergill 9(2)(a) >
Subject: Revised MMH UI/UX wireframes

Hi All,
In advance of our meeting tomorrow, please find below the revised MMH UI/UX for Sign-up (User story 1) and Sign-in (User story 2) incorporating the MHA authentication option.
Feedback welcome.

Thanks & Regards

Jeanette Elley PhD
Senior Business Analyst / Project Manager

9(2)(a)

W: managemyhealth.co.nz

Level 1, Cereus Health House

48 Market Place, Viaduct Harbour, Auckland 1010

From:	Robyn Tipene
To:	Jeanette Elley; Alan Monnox; Bhumika Talsania; Asfahaan Mirza; Dylan Nyika
Subject:	FW: Updated BRD for MoH MHA meeting 3pm this afternoon
Date:	Thursday, 30 June 2022 3:49:19 pm
Attachments:	image001.png
	BRD - MMH MoH MHA Integration (Identity) v1_3 29-Jun-2022 DRAFT.docx

Thanks for this Jeanette,

Details Alan and Bhumika, to provide further context to thinking to date.

Robyn

From: Jeanette Elley 9(2)(a)

Sent: Thursday, 30 June 2022 10:51 am

To: Robyn Tipene <xxxxx.xxxxxx@xxxxxx.xxxx.xx>; Dylan Nyika <Dylan.Nyika@health.govt.nz>; Gerard Keenan <xxxxx.xxxxxx@xxxxxx.xxxx.xx>

Cc: Asfahaan Mirza 9(2)(a)   Sanju Nannuri 9(2)(a)

Rama Kumble 9(2)(a)   Karanti Kaur Shergill 9(2)(a)

Subject: RE: Updated BRD for MoH MHA meeting 3pm this afternoon

Hi All,

Please find attached an updated BRD for discussion at our MMH-MHA onboarding meeting this afternoon.

The main changes since last week's document (mostly highlighted in yellow in the document) are –

1. Three new sections added for 1.3 Risk Mitigation, 2.4 NHI handling, and 2.5 Authentication Scenarios.
2. A few other wording and list tweaks

I think it would be most worthwhile this afternoon to discuss the three new sections, especially the authentication scenarios table (which may appear to be a rather complicated summary, but I will attempt to explain).
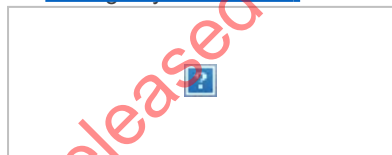
Thanks & Regards

Jeanette Elley **PhD**

Senior Business Analyst / Project Manager

9(2)(a)

W: managemyhealth.co.nz

Level 1, Cereus Health House

48 Market Place, Viaduct Harbour, Auckland 1010

From:	Alan Monnox
To:	"Sanju Nannuri"; Megan Robinson; "Asfahaan Mirza"
Cc:	Robyn Tipene; Dylan Nyika; Matthew Davis; Sushant Balajee
Subject:	RE: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information
Date:	Thursday, 30 June 2022 8:03:00 am
Attachments:	image001.png
	image002.jpg

Hi Sanju,

That sounds like good progress.

You can test the initial sign up by selecting to create a new Manage My Health Account yourself. This will give you a level 1 account and the app will receive an id token.

In terms of specific test data, i.e. an account at confidence level 2N with a bound NHI, we will be creating accounts with this setup. In the meantime, creating an account should allow you to complete the initial login steps.

Let me know if you have any problems.

Cheers,

Alan

From: Sanju Nannuri 9(2)(a)

Sent: Thursday, 30 June 2022 3:50 am

To: Alan Monnox <xxxx.xxxxxx@xxxxxx.xxxx.xx>; Megan Robinson <Megan.Robinsox@xxxxxx.xxxx.xx>; Asfahaan Mirza 9(2)(a)

Cc: Robyn Tipene <xxxxx.xxxxxx@xxxxxx.xxxx.xx>; Dylan Nyika <Dylan.Nyika@health.govt.nz>; Matthew Davis 9(2)(a) Sushant Balajee <xxxxxxx.xxxxxxx@xxxxxx.xxxx.xx>

Subject: RE: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Hi Alan,

We have managed to connect successfully and able to redirect to login page.

Where can we get a MHA test login to test the login function?

Regards

Sanju

From: Alan Monnox <xxxx.xxxxxx@xxxxxx.xxxx.xx>

Sent: Thursday, 23 June 2022 9:10 AM

To: Sanju Nannuri 9(2)(a) Megan Robinson <xxxx.xxxxxxxx@xxxxxx.xxxx.xx>; Asfahaan Mirza 9(2)(a)

Cc: Robyn Tipene <xxxxx.xxxxxx@xxxxxx.xxxx.xx>; Dylan Nyika <xxxxx.xxxxx@xxxxxx.xxxx.xx>; Matthew Davis 9(2)(a); Sushant Balajee <xxxxxxx.xxxxxxx@xxxxxx.xxxx.xx>

Subject: RE: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Done. Please let know if there's any problems.

From: Sanju Nannuri 9(2)(a)

Sent: Thursday, 23 June 2022 3:34 pm

To: Alan Monnox <xxxx.xxxxxx@xxxxxx.xxxx.xx>; Megan Robinson <xxxxx.xxxxxxxx@xxxxxx.xxxx.xx>; Asfahaan Mirza 9(2)(a)

Cc: Robyn Tipene <xxxxx.xxxxxx@xxxxxx.xxxx.xx>; Dylan Nyika <xxxxx.xxxxx@xxxxxx.xxxx.xx>; Matthew Davis 9(2)(a); Sushant Balajee <xxxxxxx.xxxxxxx@xxxxxx.xxxx.xx>

Subject: RE: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Hi Alan

Pls share the secret key to Asfahaan's mobile number 9(2)(a)

Regards

Sanju

From: Alan Monnox <xxxx.xxxxxx@xxxxxx.xxxx.xx>

Sent: Thursday, 9 June 2022 11:37 AM

To: Sanju Nannuri 9(2)(a); Megan Robinson <xxxxx.xxxxxxxx@xxxxxx.xxxx.xx>; Asfahaan Mirza 9(2)(a)

Cc: Robyn Tipene <xxxxx.xxxxxx@xxxxxx.xxxx.xx>; Dylan Nyika <xxxxx.xxxxx@xxxxxx.xxxx.xx>; Matthew Davis 9(2)(a); Sushant Balajee <xxxxxxx.xxxxxxx@xxxxxx.xxxx.xx>

Subject: RE: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Hi Sanju,

Unfortunately we still don't have a standard secure mechanism for sharing credentials outside of the Ministry.

I can push the secret out to a secure location if you have anything available, otherwise I can txt the secret to you.

Cheers,

Alan

From: Sanju Nannuri 9(2)(a)

Sent: Thursday, 9 June 2022 5:59 pm

To: Megan Robinson <xxxxx.xxxxxxxx@xxxxxx.xxxx.xx>; Asfahaan Mirza 9(2)(a)

Cc: Robyn Tipene <xxxxx.xxxxxx@xxxxxx.xxxx.xx>; Dylan Nyika <xxxxx.xxxxx@xxxxxx.xxxx.xx>; Matthew Davis

9(2)(a)>; Alan Monnox <Alan.Monnox@health.govt.nz>

Subject: RE: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Thanks Megan.

We will test the connectivity soon. How do I get the client secret from AUE-UTILITY-AKV keyvault? Can you please provide any documentation on this?

Kind regards,

Sanju

Sanju Nannuri

Solutions Architect

9(2)(a)

eve , 48 Mar et P ace,
V aduct Harbour,
Auc and 0 0,
New Zea and

From: Megan Robinson <Megan.Robinson@health.govt.nz>
Sent: Thursday, 9 June 2022 2:36 PM
To: Asfahaan Mirza 9(2)(a) ; Sanju Nannuri 9(2)(a)
Cc: Robyn Tipene <Robyn.Tipene@health.govt.nz>; Dylan Nyika <Dylan.Nyika@health.govt.nz>; Matthew Davis 9(2)(a) net>; Alan Monnox <Alan.Monnox@health.govt.nz>
Subject: RE: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Good afternoon Asfahaan,

Your INT setup details can be found below:

.

Please note that the 4 OIDC Redirect URLS that you provided in your onboarding request have only been registered against the web component. We ran into a limitation where multiple types of apps on the same app registration cannot have duplicate redirect URLs. For example if the web component of the app registration uses 9(2)(c) neither mobile nor SPA are able to use this redirect URL. If the same redirect URLs are required for the different app types then separate app registrations will have to be created for each.

Many thanks,

Megan Robinson *(she/her)*
Project Coordinator, Digital Identity
Portfolio, Resourcing and Commercial | Data and Digital | Ministry of Health

From: Megan Robinson
Sent: Wednesday, 8 June 2022 1:46 pm
To: 9(2)(a)
Cc: Robyn Tipene <Robyn.Tipene@health.govt.nz>; Dylan Nyika <Dylan.Nyika@health.govt.nz>; Matthew Davis 9(2)(a) ; Alan Monnox <Alan.Monnox@health.govt.nz>
Subject: RE: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Good afternoon Asfahaan,

Thank you for your prompt response and apologies for the issues with the DHI Integration mailbox.

We will proceed with INT setup and register all the OIDC Redirect URLS you have provided against all three application types.

If this approach doesn't align with your expectations please let us know.

Many thanks,

Megan Robinson *(she/her)*
Project Coordinator, Digital Identity
Portfolio, Resourcing and Commercial | Data and Digital | Ministry of Health

From: Asfahaan Mirza 9(2)(a)

Sent: Tuesday, 7 June 2022 3:01 pm
To: Digital Health Identity Integration <xxx.xxxxxxxxxx@xxxxxx.xxxx.xx >
Cc: Robyn Tipene <xxxxx.xxxxxx@xxxxxx.xxxx.xx >; Dylan Nyika <xxxxx.xxxxx@xxxxxx.xxxx.xx >; Matthew Davis
9(2)(a) Alan Monnox <xxxx.xxxxxx@xxxxxx.xxxx.xx >
Subject: Re: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Hi there

I have selected all three options as we do have a web application, mobile apps, and single page application for some of our modules.

To start off with, we definitely need web app and mobile app integration.

Kind Regards

Asfahaan

Get Outlook for iOS

From: Megan Robinson <xxxxx.xxxxxxxx@xxxxxx.xxxx.xx > on behalf of Digital Health Identity Integration
<xxx.xxxxxxxxxx@xxxxxx.xxxx.xx >
Sent: Tuesday, June 7, 2022 2:49:28 PM
To: Asfahaan Mirza 9(2)(a)
Cc: Robyn Tipene <xxxxx.xxxxxx@xxxxxx.xxxx.xx >; Dylan Nyika <xxxxx.xxxxx@xxxxxx.xxxx.xx >; Matthew Davis
9(2)(a) ; Alan Monnox <xxxx.xxxxxx@xxxxxx.xxxx.xx >
Subject: RE: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Good afternoon Asfahaan,

Just following up on my email from last week. Can you please confirm the application type for your onboarding request?
We will not be able to progress with your INT setup until we have received this information.

Many thanks,

Digital Health Integration Team

From: Megan Robinson <xxxxx.xxxxxxxx@xxxxxx.xxxx.xx > **On Behalf Of** Digital Health Identity Integration
Sent: Thursday, 2 June 2022 1:51 pm
To: 9(2)(a)
Cc: Robyn Tipene <xxxxx.xxxxxx@xxxxxx.xxxx.xx >; Dylan Nyika <xxxxx.xxxxx@xxxxxx.xxxx.xx >; Matthew Davis
9(2)(a) ; Alan Monnox <xxxx.xxxxxx@xxxxxx.xxxx.xx >
Subject: Digital Health Identity Service Onboarding Request Approved + Request for Additional Information

Good afternoon Asfahaan,

Thank you for your interest in onboarding with the Digital Health Identity Service.

We are happy to confirm that your onboarding request has been reviewed and approved.

Before we raise your App Registration request to setup your INT access there is one thing we need you to clarify.

In Section 7 of the onboarding request form you selected all three application types (Web App, Single Page App and Mobile).

Can you please confirm which of the three you wish to use?

Many thanks,

Digital Health Integration Team

This e-mail message has been scanned for Viruses and Content and cleared by the Ministry of Health's Content and Virus Filtering Gateway

---

immediately and delete this message.
****