



SHIC
Sharoma Indigenous
Corporation

Reflective Journal on Mendix Blended Learning

COURSE NUMBER: BISM7255

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STUDENT NUMBER: 46207704

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I. Introduction

Sharoma Indigenous Corporation (SHIC) is a two-woman-led partnership with completely Aboriginal ownership. It also launched as a non-profit organisation under the name Sport, Culture, and Leadership Academy (SCALA). However, they faced some data integration problems when operating this corporation. As a result, I utilised Mendix, a high-productivity app platform that allowed me to develop and enhance SHIC's mobile and web apps at scale.

II. Learning Experiences Table

Feature in your app	(1) Development activity and challenge or mastery	(2) Use of which low-code platform capabilities unique to your app	(3) the meta-cognitive skills developed or used (ability to learn to learn)
1)Microflows	<ul style="list-style-type: none">• Carry out tasks including developing and modifying objects, showing pages, and selecting options	<ul style="list-style-type: none">• Develop the function of uploading images• Create the sign-up registration faction	<ul style="list-style-type: none">• Allow me to have a better understanding of the process of microflows
2)Domain Model	<ul style="list-style-type: none">• Depict the knowledge (or data) that an application uses	<ul style="list-style-type: none">• Easily create the entities and relationship	<ul style="list-style-type: none">• Distinguish the type of each attribute more certain
3)Pathway Signup Page	<ul style="list-style-type: none">• Create a form that looks like a questionnaire	<ul style="list-style-type: none">• Set the specific answer formats and options within each question	<ul style="list-style-type: none">• Help me to be more efficient in doing work that needs to create questionnaires in the future
4)Download Button	<ul style="list-style-type: none">• Allow the users to download a registration file	<ul style="list-style-type: none">• directly download the registration data into an excel file	<ul style="list-style-type: none">• Let me know it can bring more convenience for operators
5)Action Button	<ul style="list-style-type: none">• Carry out a variety of tasks, such as opening pages and microflows	<ul style="list-style-type: none">• link the original page to another	<ul style="list-style-type: none">• Allow me to know the connection between pages can be completed without using coding

III. Indigenous Perspectives and Indigenous cultural values

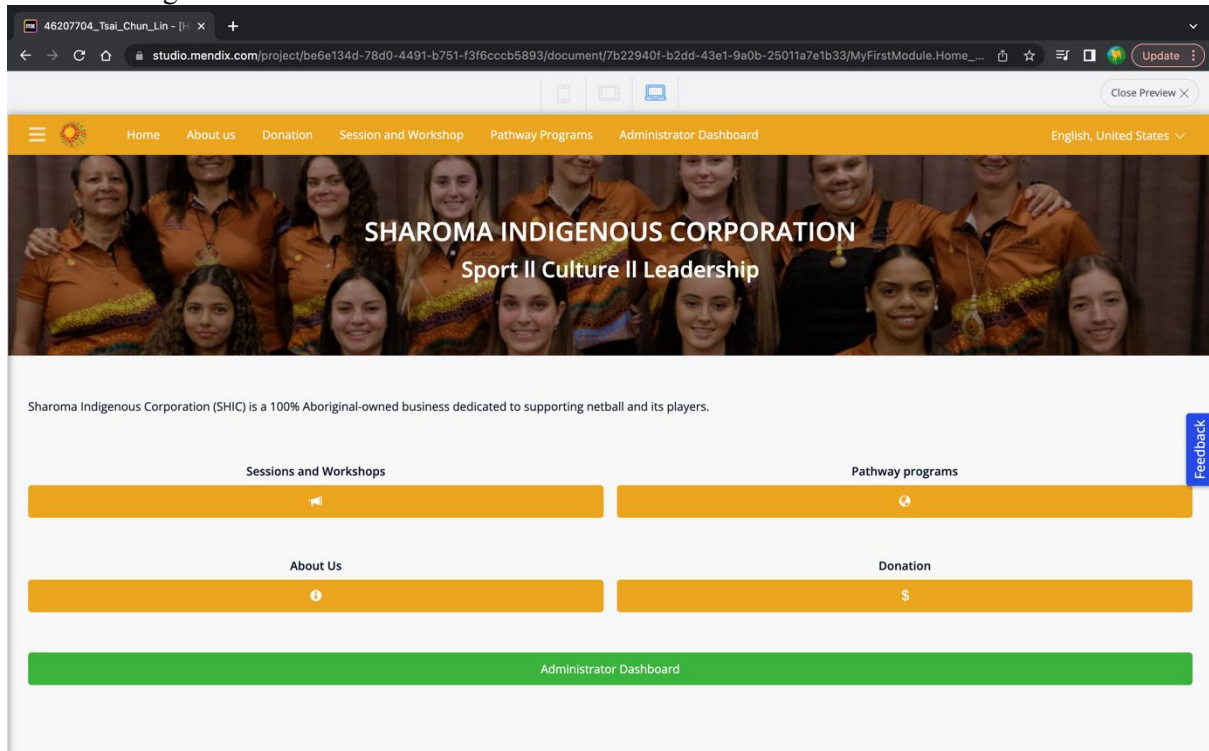
One of the oldest continuously existing civilisations in the world, the Aboriginal and Torres Strait Islander peoples of Australia speak a variety of languages and practise a diverse range of rituals. Many groups and individuals who identify as Aboriginal or Torres Strait Islander have close links to sport. There are advantages for both parties when athletic organisations work with Aboriginal and Torres Strait Islander communities. Sports may attract fan bases that are larger and more diversified. Also, sport might open up professional opportunities both on and off the field, as well as better social, educational, and health results.

Through the process of helping SHIC build a systematic app, I have gained a deep understanding of the culture of the local Aboriginal people in Australia and some of the situations they face in the netball field, as well as the problems of insufficient manpower and poor data integration in their corporation. In order to solve the main problem, I helped them build a comprehensive and systematic APP with Mendix, which includes an about us page, a sign-up page, pathway programmes, a donation page, and an administrator page. These interfaces can help SHIC operators release new information and programmes more effectively. In addition, those who are interested in this corporation can also sign up or donate directly through the APP. Furthermore, this app could provide a closer understanding for those who are interested in Aboriginal culture.

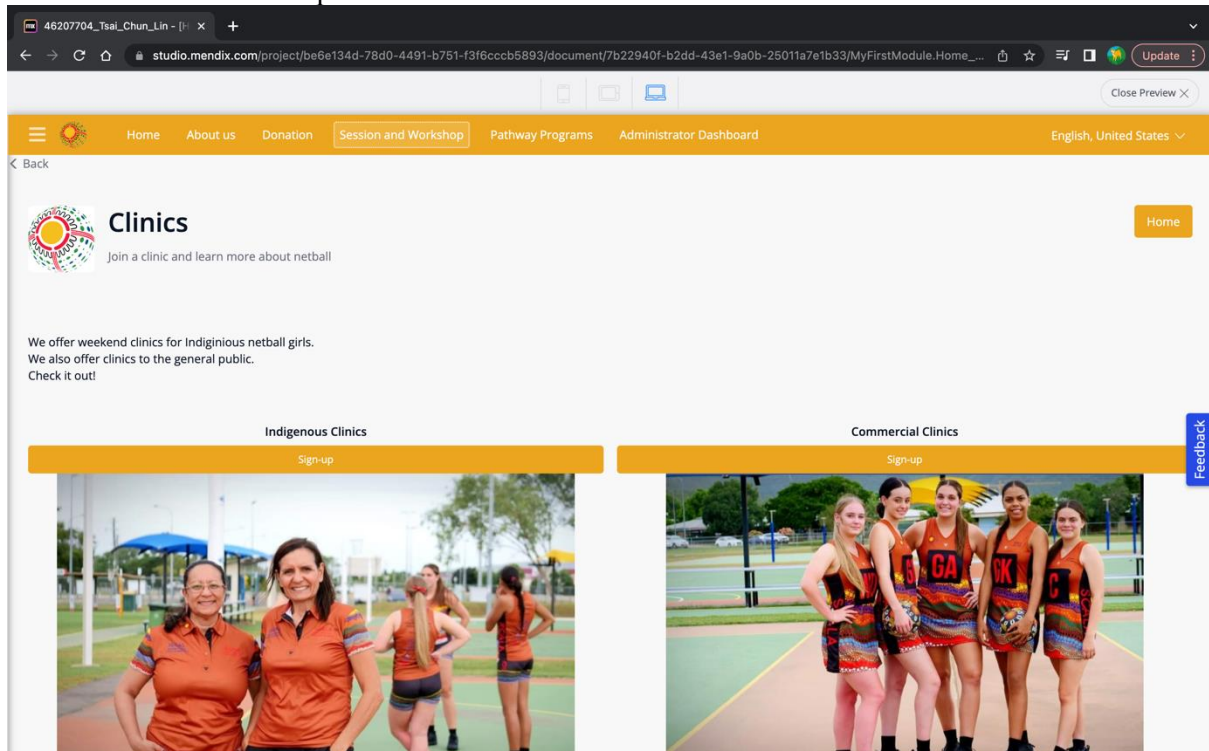
IV. Appendix

1. Each page of the app

1-1 Home Page



1-2 Sessions and Workshops



1-3 Indigenous Clinics Sign-up Page


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studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/790ae3f6-27d4-4f3b-8a62-558d531a9aad/MyFirstModule.Di... Update

Close Preview X

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

Back



Overview of Indigenous Clinics

Sign-up and join us for a weekend of netballs.

Home

Create New Clinic

Name: Tsai-Chun Lin

Detail: 111

Location: Toowong

Dates: 04/13/1998

Cost: 10

Places: 1

More Information: http://

Edit Delete

Register Now

Name: Ethan

Detail: will

Location: South Brisbane

Dates: 05/15/1997

Cost: 20

Places: 1

More Information: http://au

Edit Delete

Register Now

Feedback

1-4 Commercial Clinics Sign-up Page


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studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/790ae3f6-27d4-4f3b-8a62-558d531a9aad/MyFirstModule.Di... Update

Close Preview X

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

Back



Overview of Commercial Clinics

Sign-up for a commercial clinic - a weekend of fun and learning netball

Home

Create New Clinic

Name: brooke

Description: 111

Dates: 04/13/1998

Location: toowong

Price: 20

Space: 1

Link: http:

Edit Delete

Register Now

Name: Harry

Description: 222

Dates: 06/18/1996

Location: South Brisbane

Price: 15

Space: 1

Link: http://au

Feedback

5

1-5 Register Now in Indigenous Clinic


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Close Preview X

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

Back

 **Registration for a Development and Talent Identification Sessions** Home

Supporting text

Select which session you want to register for: Tsai-Chun Lin

Players First Name

Players Last Name

Suburb

Age 0

Gender

Player phone number

Player email

Parent name

Parent phone number 0

Parent email

Feedback

1-6 Register Now in Commercial Clinic


46207704_Tsai_Chun_Lin - [X] +

studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/eb051e29-27ae-41e9-bd9b-e166dfd9cbdc/MyFirstModule.Ad... Update

Close Preview X

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

Back

 **Create a New Registration of Commercial Clinic** Home

Supporting text

Clinic Comm Information brooke

First_Name

Last_Name

Address

Age 0

Gender

Phone_Number 0

Email

Emergency_Contact_Name

Emergency_Contact_Phone_Number 0

Save Cancel

Feedback

1-7 About Us

46207704_Tsal_Chun_Lin - [x] x

studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/7b22940f-b2dd-43e1-9a0b-25011a7e1b33/MyFirstModule.Home_... Update

Close Preview

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

Back

About Us Home

Founders/ Director and Bio Information

Roma Pregarc
B. Bus, GIA (Aff), JP (Qual)

Aunty Roma has maternal connections to the Ugarapul / Yuggera peoples and the Kombumerri / Yugambeh peoples in south-east Queensland, and her paternal heritage is from the Friuli Venezia Giulia region in north-east Italy. She sits on the First Nations Advisory Committee of Netball Australia, and is an accredited netball coach, mentor and umpire.

More Information

Feedback

1-8 Pathway Programs

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studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/7b22940f-b2dd-43e1-9a0b-25011a7e1b33/MyFirstModule.Home_... Update

Close Preview

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

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Pathway Program Home

Join an Indigenous Diamonds Pathway Program (IDPP)

Under our charitable portfolio, SCALA commenced operating our Indigenous Diamonds Pathway Program (IDPP) in Townsville Queensland, at the end of 2021 to offer high performance netball training to talented Indigenous athletes. From that talented squad of athletes, our Indigenous Diamonds - Townsville netball team was formed which we entered into the region's premier league netball competition in 2022. We are proud to say that our Indigenous Diamonds - Townsville team achieved history-making status as the first 'all-Indigenous' netball team to have ever competed in a women's premier league netball competition in Australia.

In 2023, SCALA will continue running the IDPP in Townsville, but will be expanding its operations to Brisbane/Gold Coast in south-east Queensland to create our next Indigenous Diamonds netball team which will compete in the Greater Brisbane Netball League.

To be eligible for the IDPP, players must:

1. have Aboriginal and/or Torres Strait Islander ancestry and provide a Certificate of Aboriginality or equivalent prior to the team selections.
2. be turning 15 years (born 2008) to 18 years (born 2005) in 2023.
3. participate in the IDPP 3 week training camp to be eligible for an invitation to trial.
4. be able to commit to ALL training sessions, competition dates, promotional events and any other activities associated with the IDPP and premier league competition (except when a medical certificate is provided).
5. be registered with Netball Queensland for the 2023 netball season (for insurance purposes), and those details need to be provided to us prior to our pre-season training commencing in March 2023.

Note: Sharoma Indigenous Corporation trading as Sport, Culture and Leadership Academy is an affiliated Club of Townsville City Netball Association Inc. (TCNAI).

Expression of Interest

Indigenous Coach Pathway Program (ICPP)

Feedback

1-9 Expression of Interest in Pathway Program


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Close Preview X

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

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Indigenous Diamonds Pathway Program (IDPP)

Sport, Culture and Leadership Academy (SCALA) Expression of Interest (EOI) to participate in the Indigenous Diamonds Pathway Program (IDPP) 3-week training camp as a pre-requisite for an invitation to trial for selection into the SCALA Indigenous Diamonds premier league netball team who will compete in the Greater Brisbane Netball League.

Home

1. Personal Details

Player's first name (and nickname, if any)

Player's surname

What will be your age in 2023? Note: eligibility to participate in the IDPP and the Premier League netball squad/team, will be players aged 15 years (born 2008) to 18 years (born 2005) in 2023.

Date of Birth

Player's mobile number

Player's email address

Player's street address

Feedback

1-10 Donation


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studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/7b22940f-b2dd-43e1-9a0b-25011a7e1b33/MyFirstModule.Home_... Update

Close Preview X

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

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Donation

Would you like to help us create deadly futures for our Aboriginal and Torres Strait Islander athletes, umpires and coaches?

Home

We would be grateful if you could please make a donation to support our culturally appropriate pathway programs that create opportunities for talented First Nations athletes, coaches and umpires. Donations to our charity organisation are tax deductible.

Please contact us if you require a donation receipt which you can use in your income tax return for any donations of \$2.00 or more.

We welcome any enquiries (see our contact page) about ongoing sponsorship of our organisation and its programs regarding collaborating/partnering with us to support our participants.

Thank you!

More information

[Click here to donate!](#)

Feedback

1-11 Administrator Dashboard

The screenshot shows the Administrator Dashboard in Mendix Studio. The browser address bar displays the URL: `studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/7b22940f-b2dd-43e1-9a0b-25011a7e1b33/MyFirstModu...`. The dashboard features a top navigation bar with links: Home, About us, Donation, Session and Workshop, Pathway Programs, and Administrator Dashboard. The main content area is titled "Administrator Dashboard" and includes a "Manage Sharoma" section. Below this, there is a "Pathway Programs" section with a link to "Overview registration of pathway programs". The "Clinics" section contains six buttons: "Enter Indigenous Clinics", "Enter Commercial Clinics", "Overview Indigenous Clinics", "Overview Commercial Clinics", "Indigenous Registration List", and "Commerical Registration List". A "Feedback" button is located on the right side of the dashboard.

1-12 Enter Indigenous Clinics in Administrator Dashboard

The screenshot shows the "Enter Indigenous Clinics" form in the Administrator Dashboard. The browser address bar displays the URL: `studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/73852cf4-e26b-402a-b24e-6e96ffa8301c/MyFirstModu...`. The form is titled "Manage Development and Talent Identification Sessions" and includes a subtitle: "For administrators to add edit an indigenous clinic or workshop". The form fields are: Name, Description, Location, Dates, Price, Number_Participants (set to 0), Link, and Upload image. The "Upload image" field has a "Browse..." button. The form also includes "Save" and "Cancel" buttons at the bottom right. A "Feedback" button is located on the right side of the form.

1-13 Enter Commercial Clinics in Administrator Dashboard

The screenshot shows a web browser window with the URL `studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/3df48922-3cd7-49fb-84ff-d1316d23c322/MyFirstModul...`. The browser's address bar also shows a document ID: `46207704_Tsai_Chun_Lin - [A] X`. The page has a navigation bar with links: Home, About us, Donation, Session and Workshop, Pathway Programs, and Administrator Dashboard. The current page is titled 'Commercial Clinic' with the subtitle 'Enter Details for a commerical clinic'. The form contains the following fields: Name, Description, Dates, Location, Price, Number_Participants (with a value of 0), Link_To_Payment, and Upload image. There are 'Browse...' and 'Upload' buttons for the image field. At the bottom right, there are 'Save' and 'Cancel' buttons. A 'Feedback' button is visible on the right side of the form.

1-14 Indigenous Registration List in Administrator Dashboard

The screenshot shows a web browser window with the URL `studio.mendix.com/project/be6e134d-78d0-4491-b751-f3f6cccb5893/document/bb69564e-f546-499d-b9aa-75969a7c1801/MyFirstModule.A...`. The browser's address bar also shows a document ID: `46207704_Tsai_Chun_Lin - [A] X`. The page has a navigation bar with links: Home, About us, Donation, Session and Workshop, Pathway Programs, and Administrator Dashboard. The current page is titled 'Overview Registration Development and Talent Identification Sessions' with the subtitle 'Overview of all registrations for an Development and Talent Identification Session'. The page includes a search bar and buttons for 'New', 'Edit', 'Delete', and 'Download'. Below the search bar is a table with the following columns: First name, Last Name, Address, Age, Gender, Phone Number, Email, Parent Name, Parent Phone, Parents Email, and Ancestors. A 'Feedback' button is visible on the right side of the table.

First name	Last Name	Address	Age	Gender	Phone Number	Email	Parent Name	Parent Phone	Parents Email	Ancestors
------------	-----------	---------	-----	--------	--------------	-------	-------------	--------------	---------------	-----------

1-15 Commercial Registration List in Administrator Dashboard

Registration Commercial Clinics
Overview of registration of commercial clinics

Search New Edit Delete Download

0 to 0 of 0

First Name	Last Name	Address	Age	Gender	Phone Number	Email	Emergency Contact Name	Emergency Contact Phone Number
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1-16 Registration of Pathway Program in Administrator Dashboard

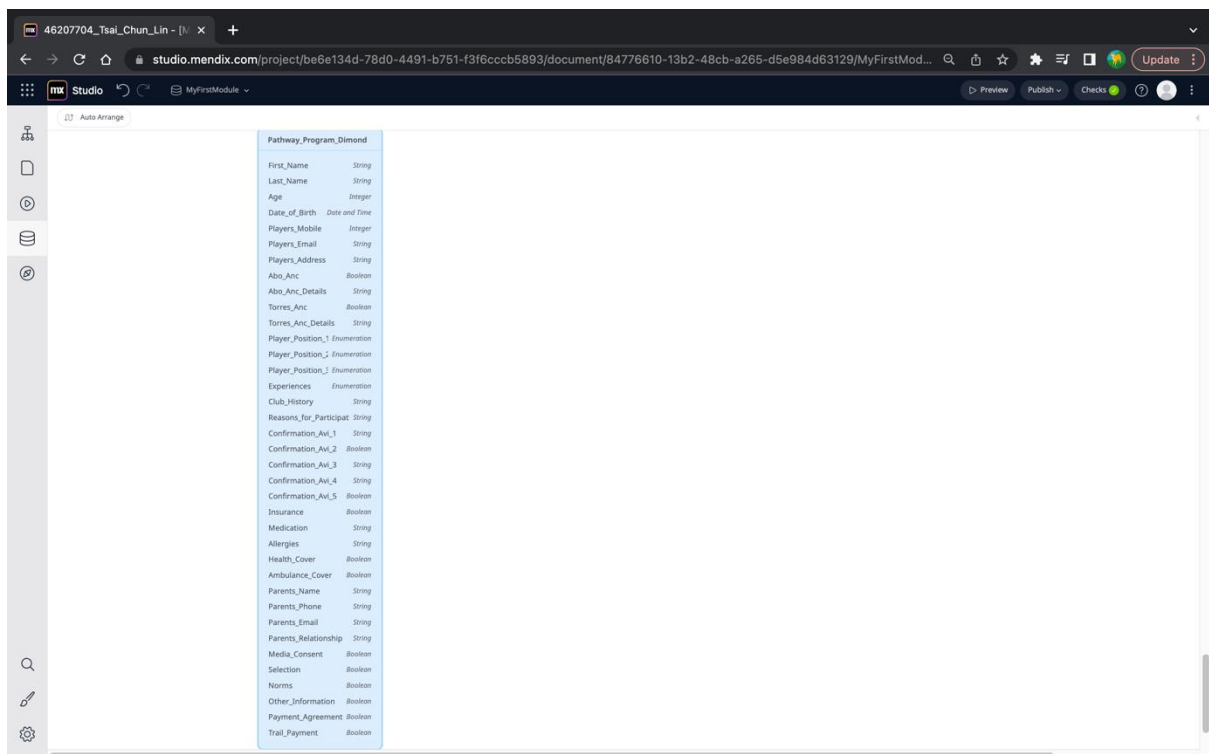
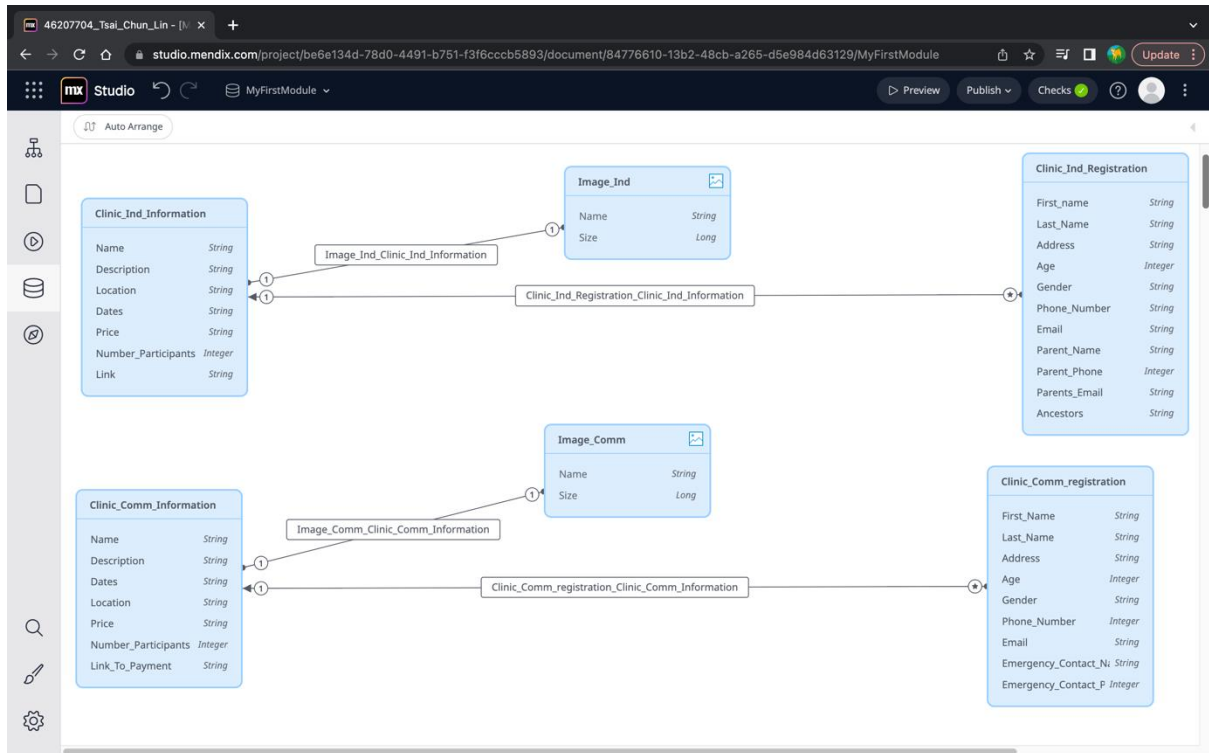
Registration of Pathway Programs
Overview of registration of pathway programs

Search New Edit Delete

1 to 3 of 3

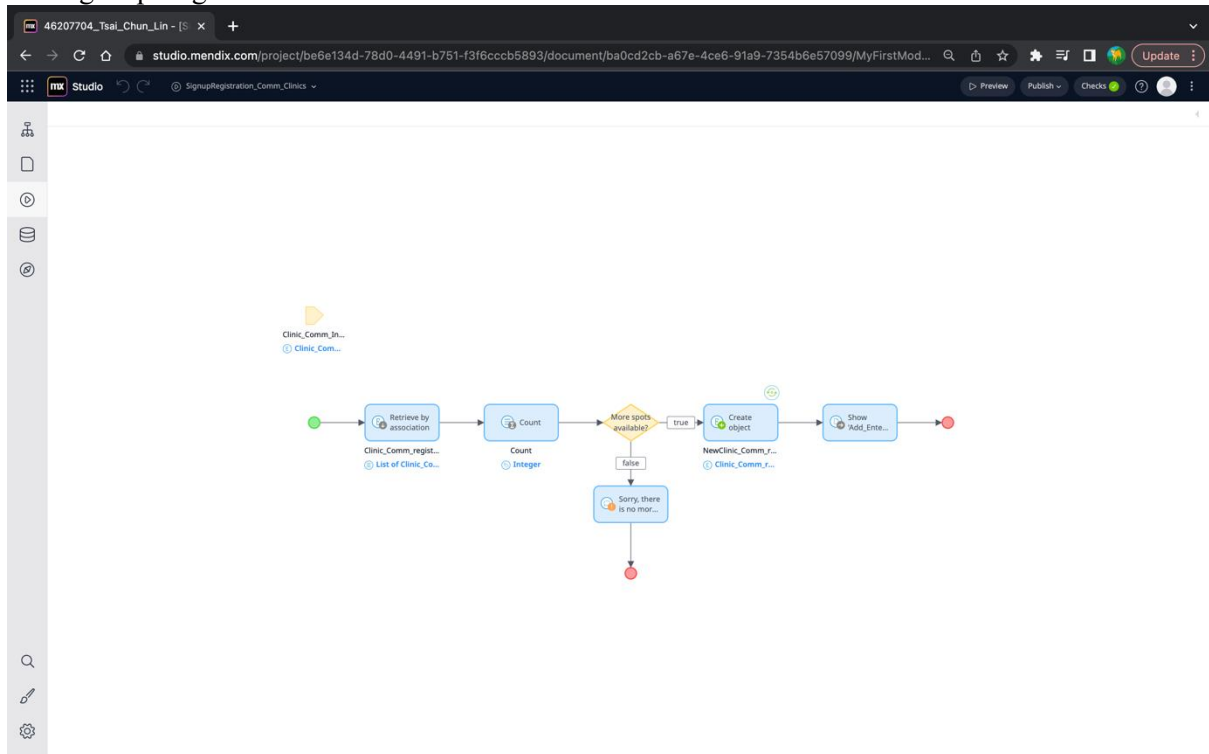
P	P	P	E	C	R	C	C	C	C	C	I	M	A	H	A	P	P	P	P	M	S	N	C	P	T
G	G	G	J	N	N	N	Y	N	N	Y	Y	N	N	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	Y
C	C	C	E	N	N	N	Y	N	N	Y	Y	N	N	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	Y
V	V	V	T	N	N	N	Y	N	N	Y	Y	N	N	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	Y

2. The Domain Model

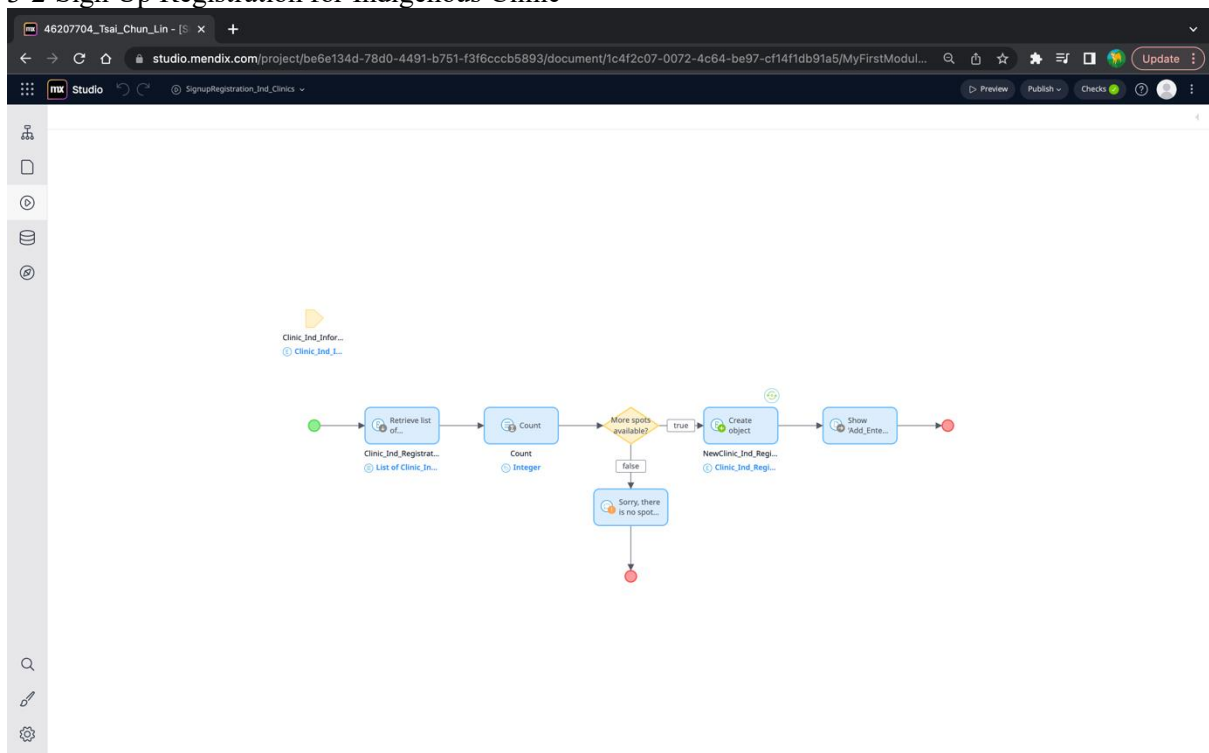


3. Each Microflow

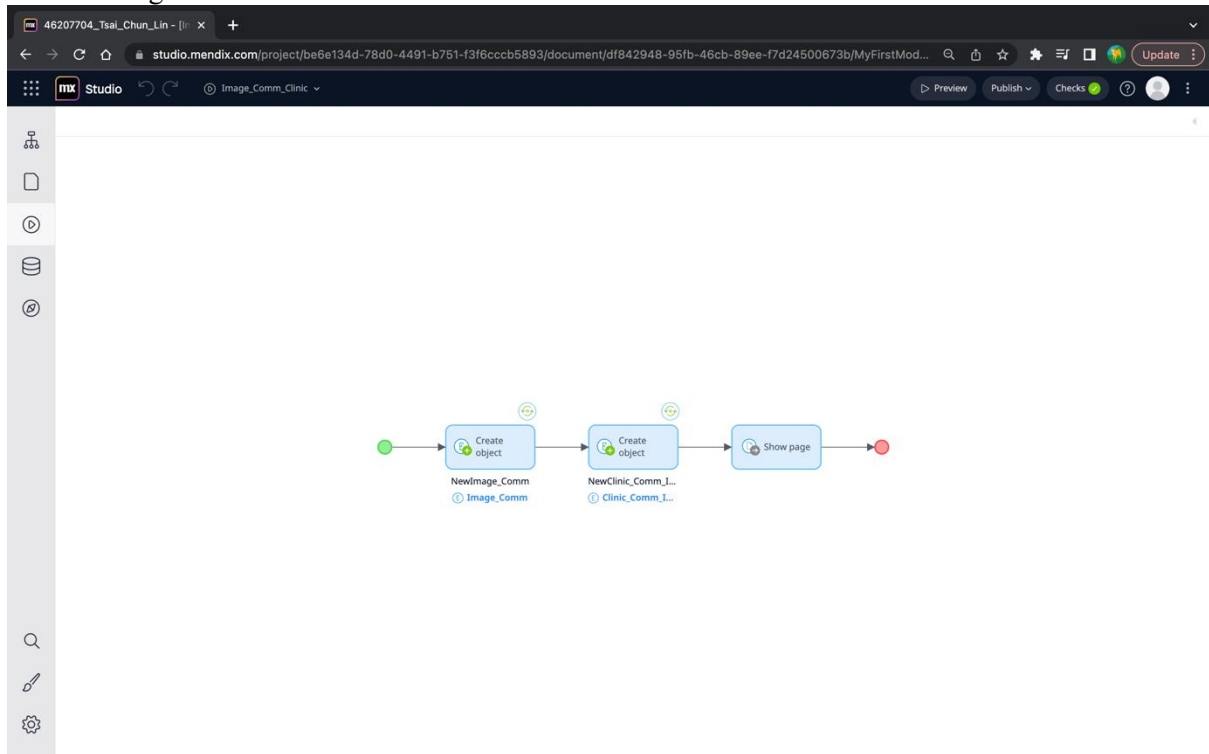
3-1 Sign Up Registration for Commercial Clinic



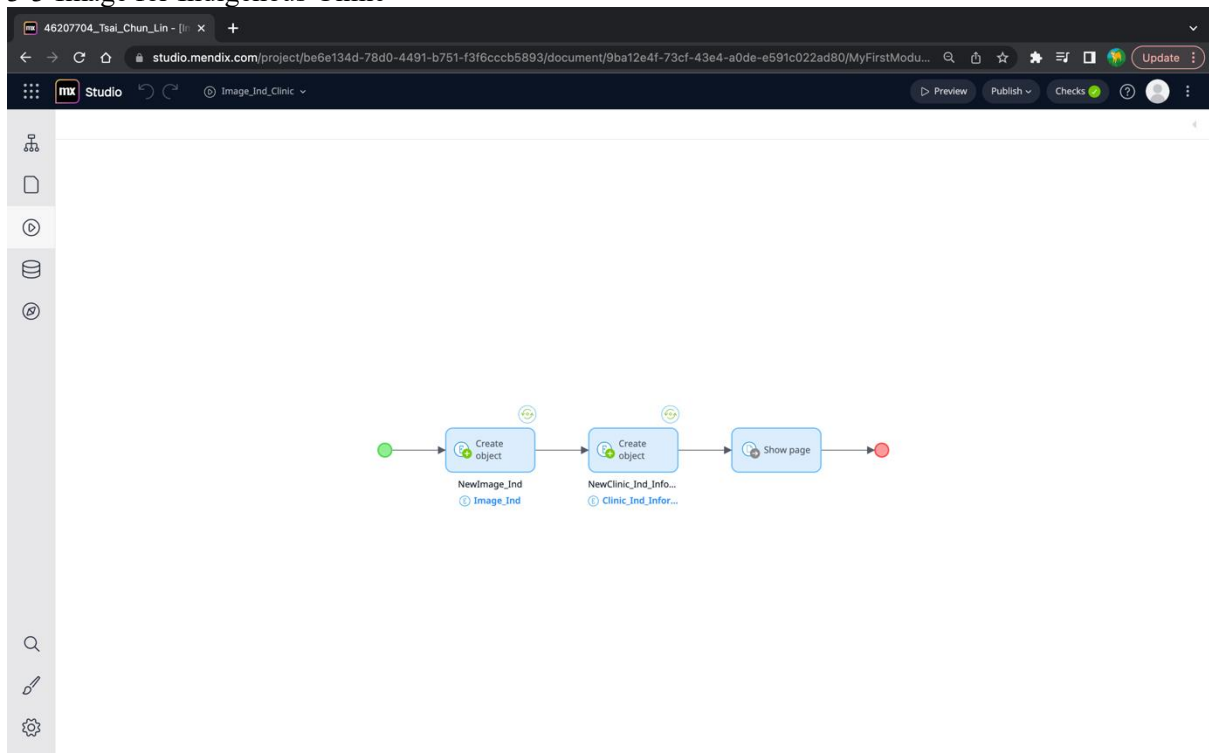
3-2 Sign Up Registration for Indigenous Clinic



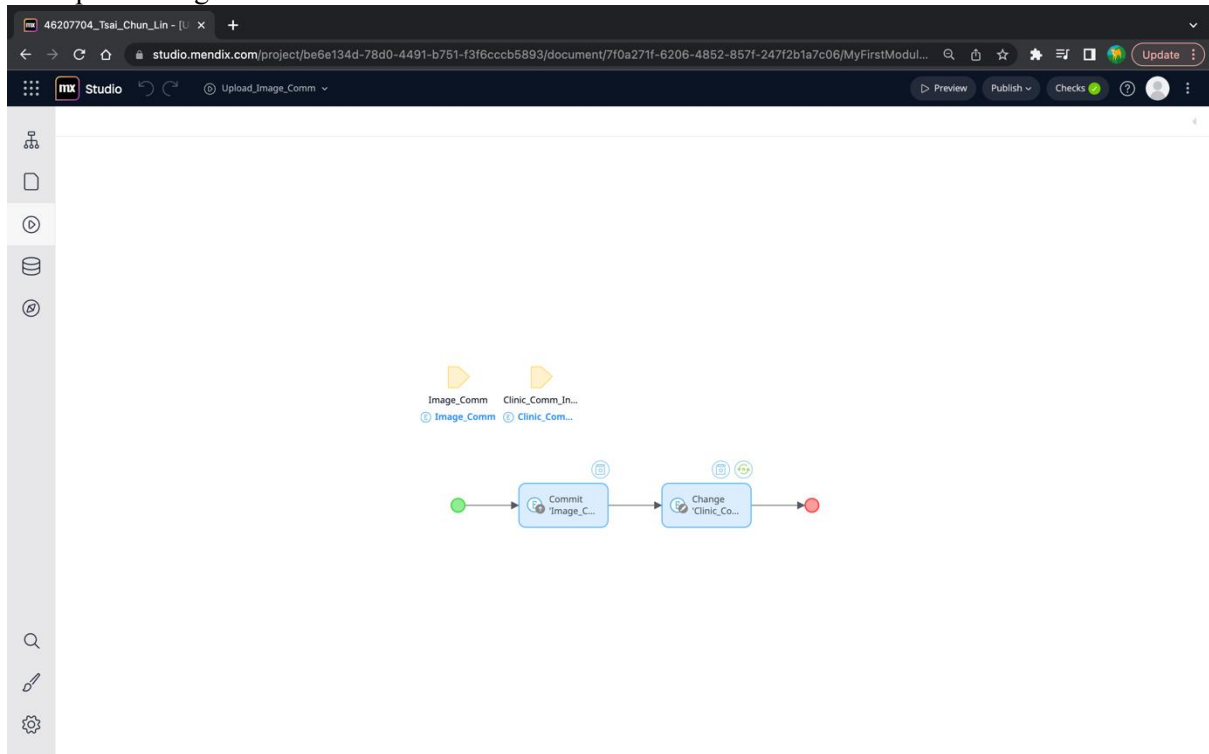
3-2.1 Image for Commercial Clinic



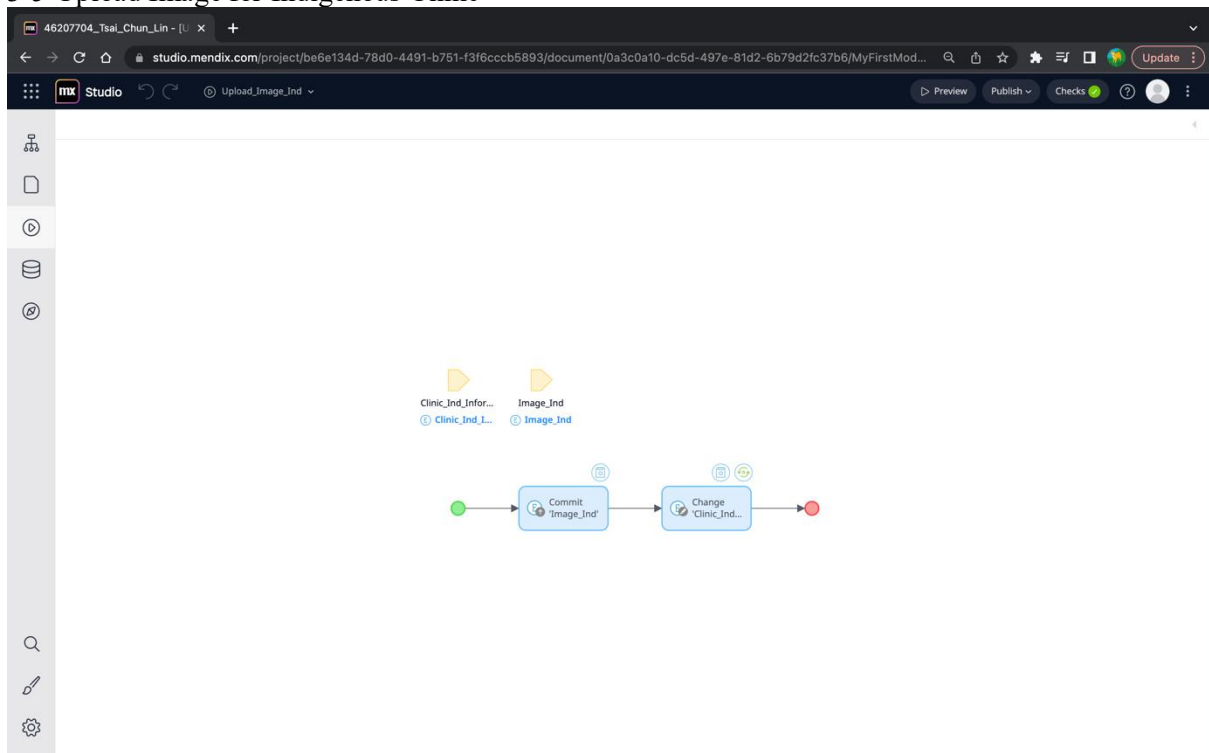
3-3 Image for Indigenous Clinic

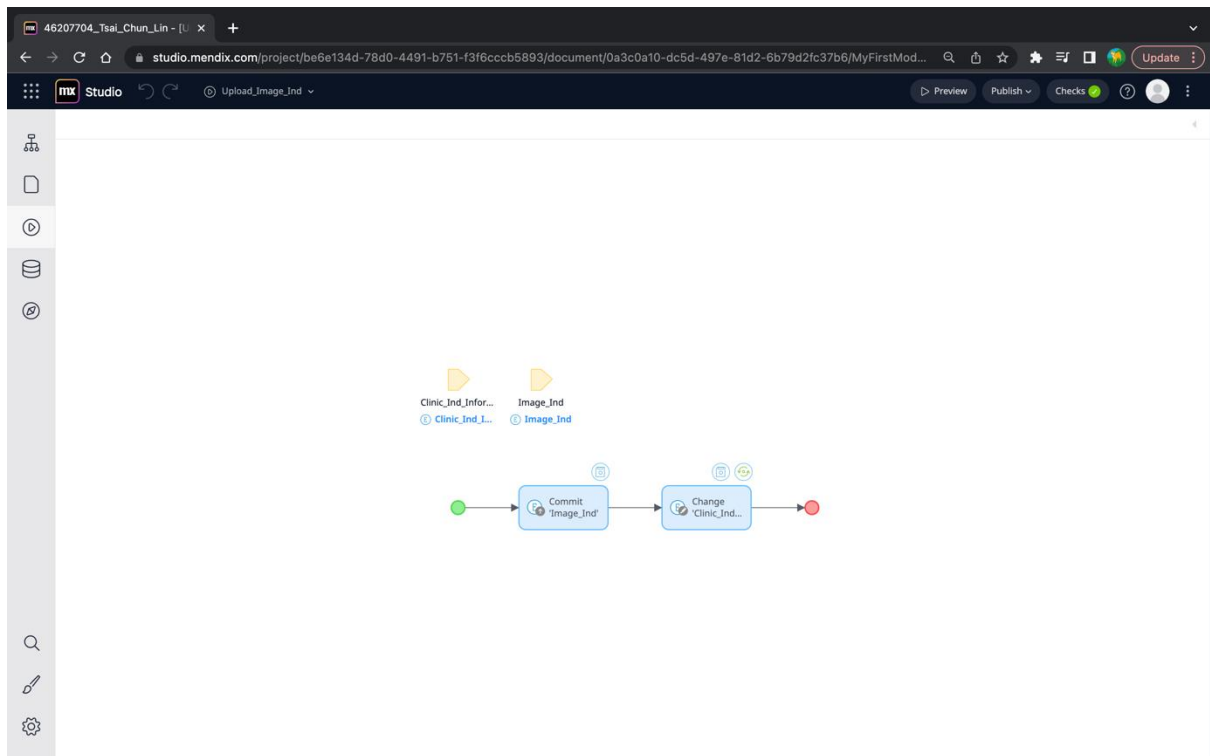


3-4 Upload Image for Commercial Clinic



3-5 Upload Image for Indigenous Clinic





4. Published app to demonstrate that data is entered and have data included


4.1 Overview of Indigenous Clinics

46207704_Tsai_Chun_Lin - [U] x Mendix - Display_Ind_Clinic x +

46207704tsaichunlin100-sandbox.mxapps.io/index.html

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

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 **Overview of Indigenous Clinics** Home

Sign-up and join us for a weekend of netballs.

Create New Clinic

Name: 4-week training camp
Detail: netball training
Location: Toowong
Dates: 06/02/2023
Cost: 20
Places: 10
More Information: <http://au/sharoma.indigenous.corporation>

Edit Delete Register Now

Name: Premier league training commences
Detail: professional training
Location: Brisbane City
Dates: 06/16/2023
Cost: 10
Places: 15
More Information: <http://au/sharoma.indigenous.corporation>

Edit Delete Register Now

Feedback


4.2 Overview of Commercial Clinics

46207704_Tsai_Chun_Lin - [U] x Mendix - Display_Comm_Clinic x +

46207704tsaichunlin100-sandbox.mxapps.io/index.html

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

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 **Overview of Commercial Clinics** Home

Sign-up for a commercial clinic - a weekend of fun and learning netball

Create New Clinic

Name: Premier league squad selection trials
Description: Selection
Dates: 07/23/2023
Location: Toowong
Price: 5
Space: 20
Link: <http://au/sharoma.indigenous.corporation>

Edit Delete Register Now

Name: Premier league competition commences
Description: Competition
Dates: 07/29/2023
Location: Brisbane City
Price: 10
Space: 20

Feedback


4.3 Data in Ingenious Clinics

46207704_Tsal_Chun_Lin - [U x] Mendix - Display Registration x +

46207704tsaichunlin100-sandbox.mxapps.io/index.html

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

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 **Overview Registration Development and Talent Identification Sessions** Home

Overview of all registrations for an Development and Talent Identification Session.

Search New Edit Delete Download 1 to 9 of 9

First name	Last Name	Address	Age	Gender	Phone Number	Email	Parent Name	Parent Phone	Parents Email	Ancestors
Brooke	Lin	South Brisb...	25	Female	0473829765	Brookelin@...		0		N/A
Ethan	Wang	Toowong	23	Male	0478965324	Ethanwang...		0		N/A
Harry	Lee	Brisbane City	20	Male	0467849022	Harrylee@g...		0		N/A
Stephen	Curry	Brisbane City	30	Male	0467765328	Stephencur...		0		N/A
Michael	Porter	Toowong	24	Male	0499764376	Michaelpor...		0		N/A
Aaron	Gordon	South Brisb...	28	Male	0499872076	Aarongord...		0		N/A
Christian	Braun	South Brisb...	30	Male	0467927529	Christianbr...		0		N/A
Thomas	Bryant	Brisbane City	29	Male	0468997564			0		N/A

Feedback


4.4 Data in Commercial Clinics

46207704_Tsal_Chun_Lin - [U x] Mendix - Display Registration x +

46207704tsaichunlin100-sandbox.mxapps.io/index.html

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

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 **Registration Commercial Clinics** Home

Overview of registration of commercial clinics

Search New Edit Delete Download 1 to 9 of 9

First Name	Last Name	Address	Age	Gender	Phone Number	Email	Emergency Contact Name	Emergency Contact Phone Number
Dorka	Juhasz	Brisbane City	23	Female	456227384	Dorkajuhasz@g...	Ethan	477698321
Tiffany	Mitchell	South Brisbane	29	Female	490908764	Tiffanymitchell...	Brooke	455637281
Napheesa	Collier	Toowong	30	Female	478789043	Napheesacolli...	Harry	499087621
Lindsay	Allen	Toowong	34	Female	499387065	Lindsayallen@g...	Allen	400387934
Brionna	Jones	Brisbane City	23	Female	488762132	brionnajones@...	Jones	400982314
Tyasha	Harris	South Brisbane	28	Female	466738893	Tyashaharris@g...	Harris	433256177
Dewanna	Bonner	Toowong	29	Female	499008789	Dewannabonne...	Bonner	455637281

Feedback

4.5 Data in pathway program

46207704_Tsai_Chun_Lin - [U] x Mendix - Display_Registration x +

46207704tsaichunlin100-sandbox.mxapps.io/index.html

Home About us Donation Session and Workshop Pathway Programs Administrator Dashboard English, United States

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Registration of Pathway Programs

Overview of registration of pathway programs

Home

Search New Edit Delete

1 to 3 of 3

First_Name	Last_Name	Age	Date_of_Birth	Players_Mobile	Players_Email	Players_Address	Abo_Anc
Jamal	Murray	30	5/30/1997	425676876	Jamalmurray@gmail...	Cordelia St	Yes
Jessica	Shepard	23	4/13/1999	455656678	Jessicashepard@gm...	Manning St	Yes
Cody	Zeller	30	10/5/1992	433215123	Codyzeller@gamil.c...	Roma St	Yes

Feedback