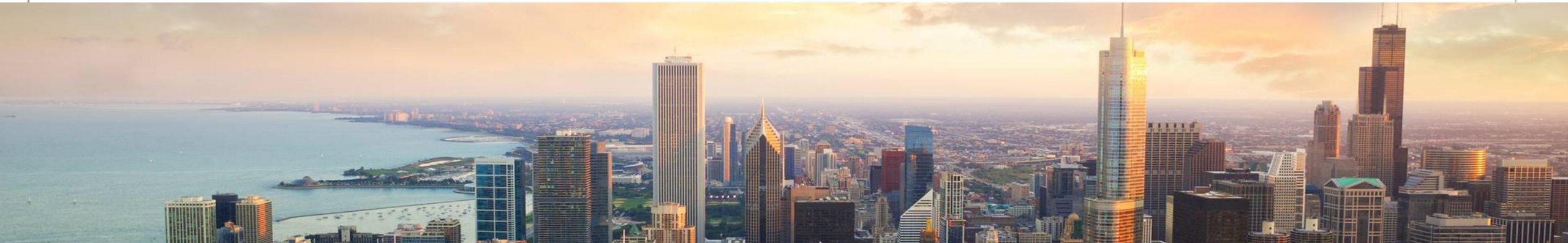# Corporate Event Management -

PowerApp

FORMULA'S USED

I used several functions within my application, some of which I have included below.

- PATCH
- REMOVE (Deleting Registrations)
- SELECT
- LOOKUP
- DISTINCT
- NAVIGATE
- RESET/RESET Forms
- IF Statements
- SEARCH
- FILTER

The main operators that I used to in building my application.

MAIN PAGES AND DATA SOURCE

I used Microsoft Lists as my main data source; however, I feel that if this was being built in a company such as KPMG I think storing this information in a SQL database would be much more secure as we are dealing with personal data to some extent.

Lists

- Events
- Registrations
- Users

Screens

- Data Catalogue (I have used this as the Main Dashboard screen)

- Event Details (Ability to register on this page, with email confirmation of registration)

- My Events (Personalised to the user that is signed into the application, and User can remove registrations)

- Admin Portal (Admin Access, matching against admin role in list, visibility is restricted to non-admin and search functionality)

- Successful Screens (Registration for Event and User)

- Error Page (In the event of an error)

- Login & Registration Screens

- Settings (I would have liked to had a setting screen with maybe some theme options, to change theme of app, personalised experience for user, amongst other options, changing name, edit personal details etc)
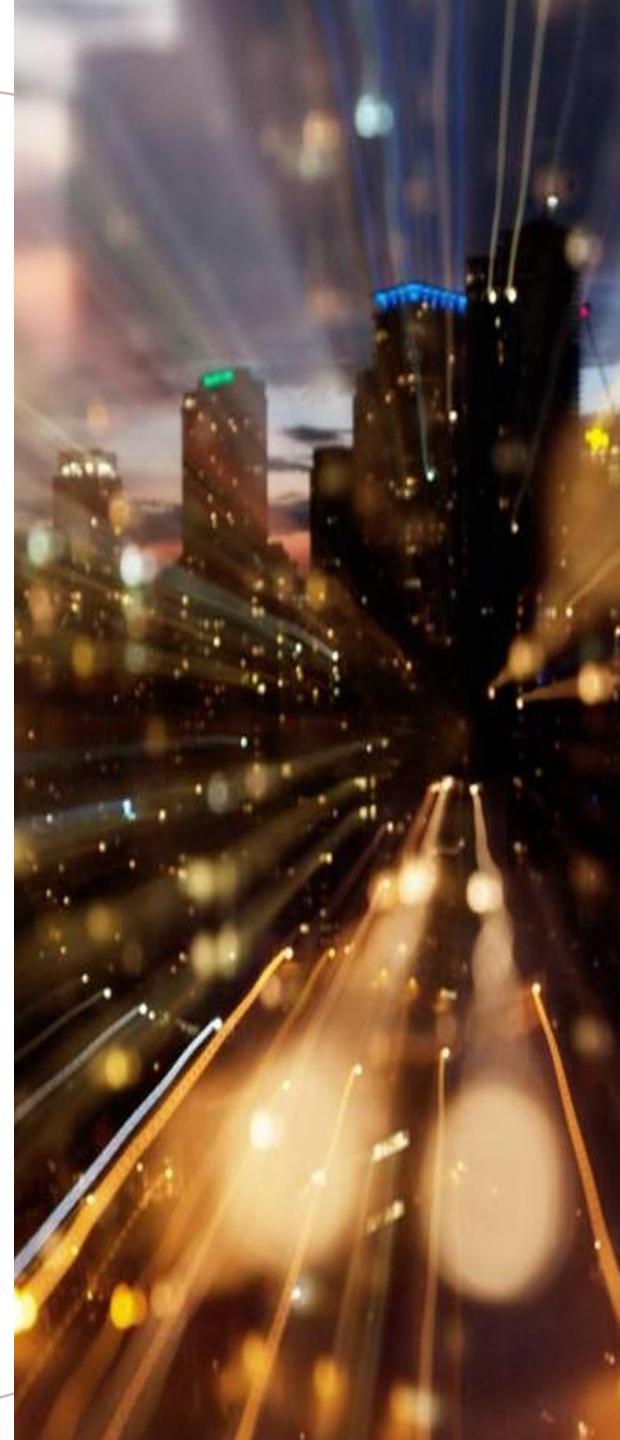
LOGIN

* Email

rtraq@allstate.com

Password

Login   Register

Forgot Password?

Please contact your system administrator.
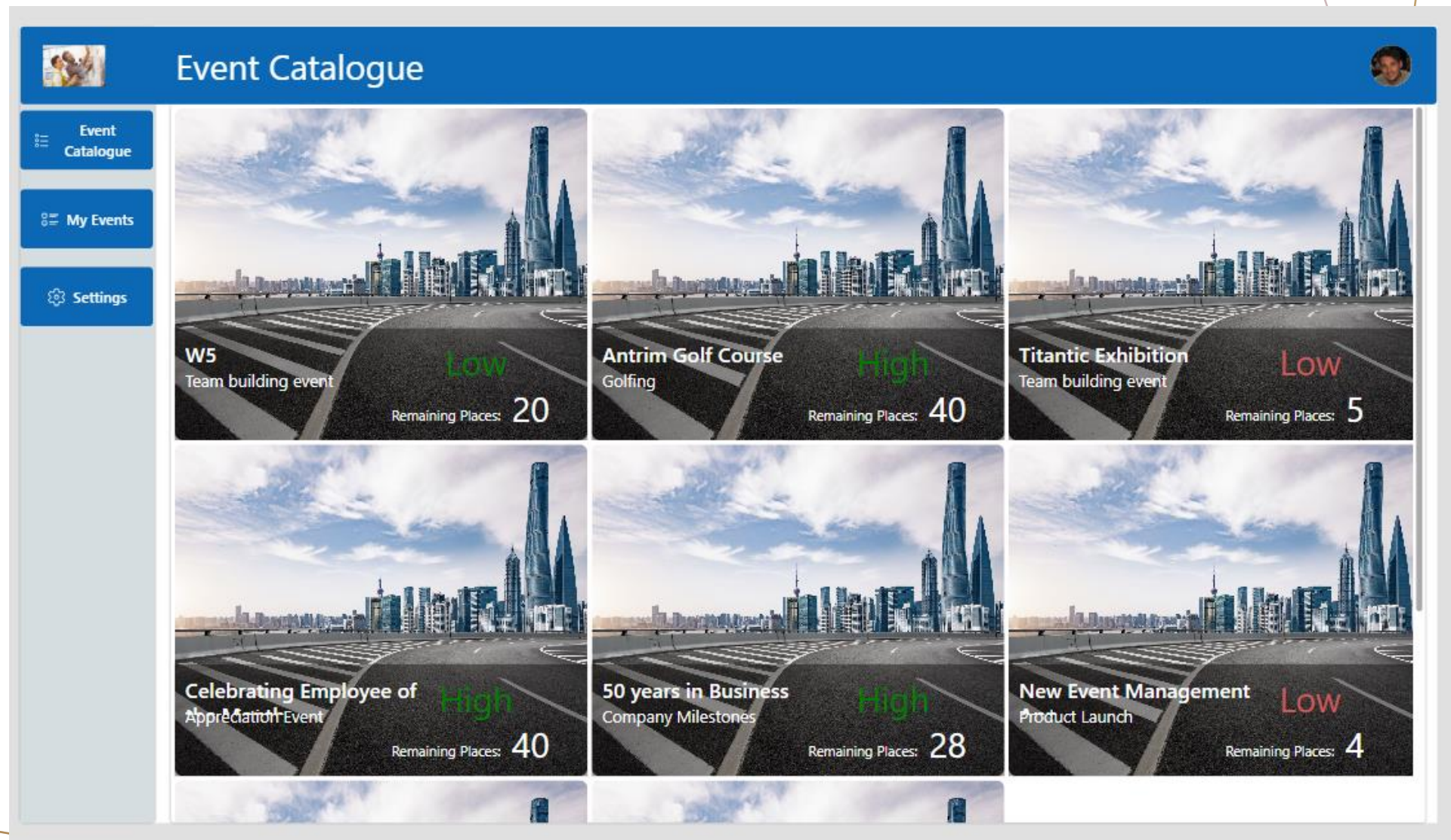
REGISTER

FullName

Ryan Trainor

* Email

rtraq@allstate.com

Password

Register

EVENT CATALOGUE

EVENT DETAILS

Event Details

Event Catalogue
My Events
Settings

Team building event

EventType	Duration	Date
W5	3	12/31/2023

Location	Time	PlacesRemaining
Belfast	6pm	20

Interested?

Book Your Place by Registering below, you will receive an email of confirmation and can edit this booking in the 'My Events' webpage.

Register

You are now regsitered for Golfing

Trainor, Ryan
To ✔ Trainor, Ryan

Reply   Reply All   Forward   ...

Mon 22 Jul 2024 3:06 pm

Hi Ryan Trainor

We can confirm that you have been successfully registered for Golfing at Belfast starting at 7pm.

We hope you have a great time!
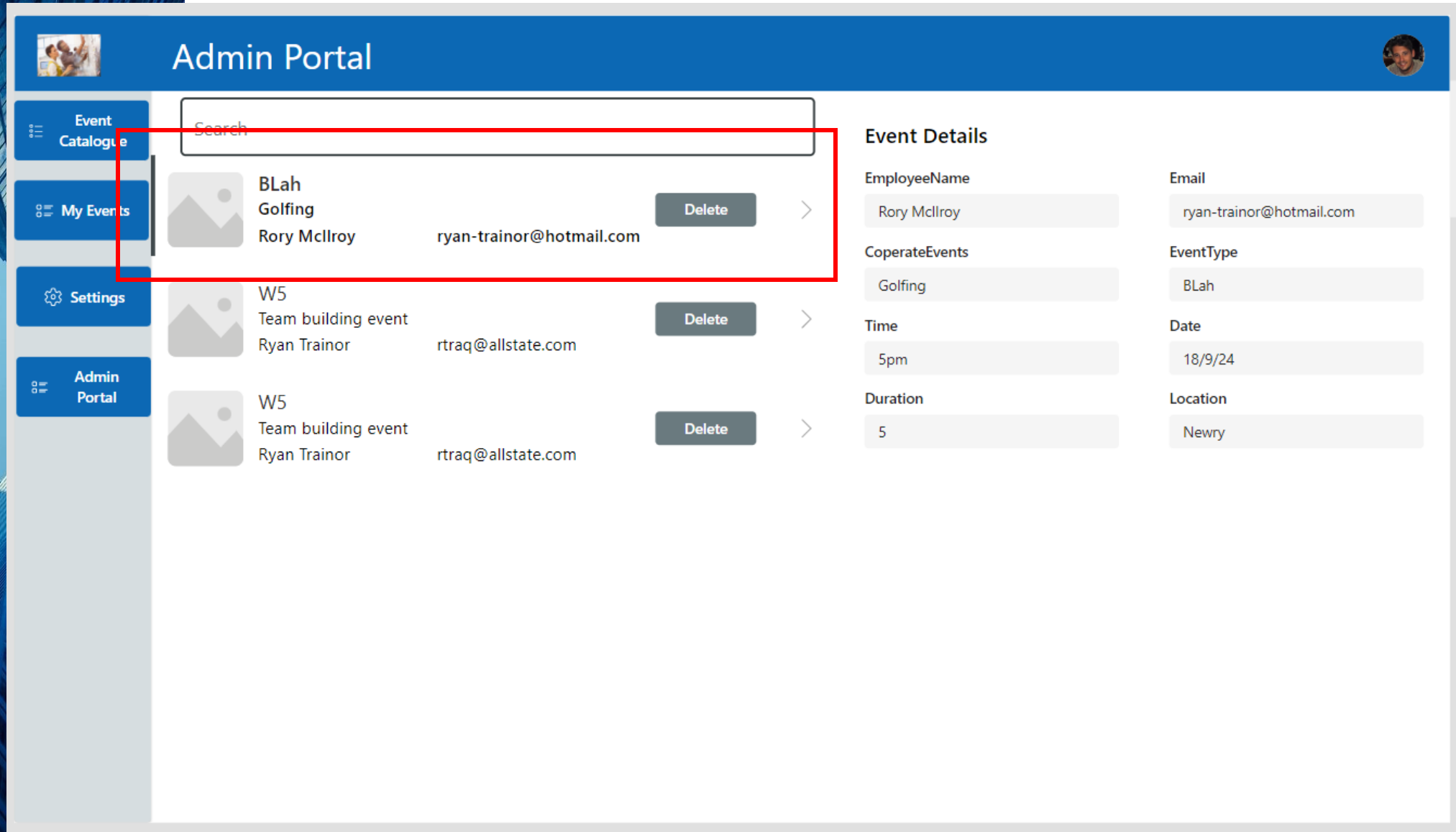
Events Team

MY EVENTS
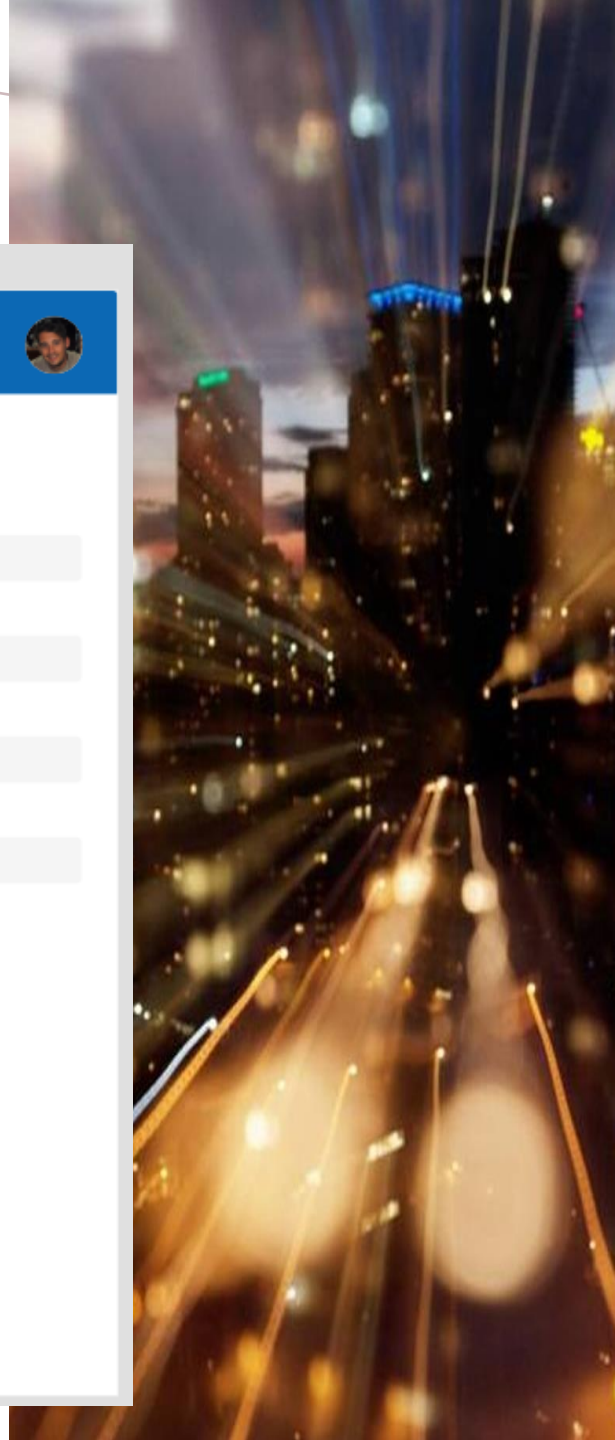
SERIES OF SUCCESS AND ERROR SCREENS

A have included a series of screens as seen below that shows success or error feedback, these are only shown upon an action being made by the consumer, whether that be registering for an event or for an account, also a general error screen if the logic has malfunctioned, this I feel will make for a better user experience.

ADMIN PORTAL

TESTING

I have mentioned very briefly about how I tested some elements of this application; however, I would conduct thorough testing using text cases, testing each scenario that may occur using the application, I would also suggest sending this internally, initially to have real users use the application and send feedback using a MS form. Ensuring that some form of documentation is kept with expected results and outcomes included.

I also have looked briefly into Test Studio via MS, I would be lying if I said I knew everything about this, but I would most certainly be willing to research more about this as I know from my own job that it is a vital part of application life cycle.

https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/test-studio

Specifically, best practises.

TAKEAWAYS

I thoroughly enjoyed taking on this task, although I did not have the time to finish it how I would like, I think it shows my enthusiasm for this area of work.

I also feel it has reassured me that I would like to branch into this type of work going forward, as I can see each project as being a new problem to solve which I like the sound of.

My experience in this area is lacking in a professional sense, but I do however feel I have many other attributes and skills that would make me suitable, and since I only had around 4 days on this, *(In the middle of a Microsoft Disaster Update),* I think I done okay, bearing in mind I have never used a number of these functions before.

Questions?

THANK YOU

Ryan Trainor

ryan-trainor@hotmail.com