





# Mike Hartley

Hart of the Midlands

Senior Solutions Architect @ Capgemini

 Looking Good,  
Exciting, and Functional!  
Power Apps that POP 



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# Mike Hartley

Hart of the Midlands / Capgemini

Passionate about Mental Health, Accessibility,  
Community, Diversity, Inclusion... and much more!

Founder & Co-Host of The Things We Don't Talk About  
podcast



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# Ask Questions

A conversation not a lecture



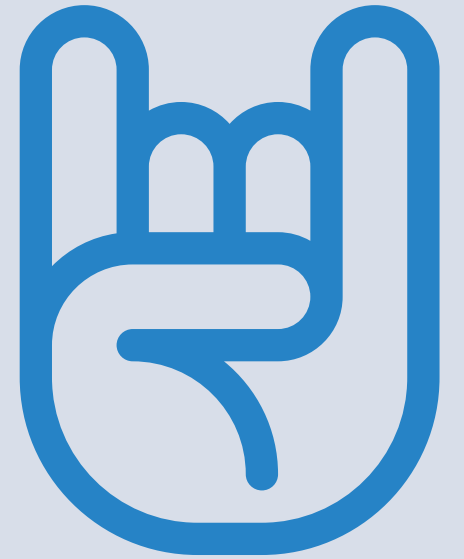
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# Agenda

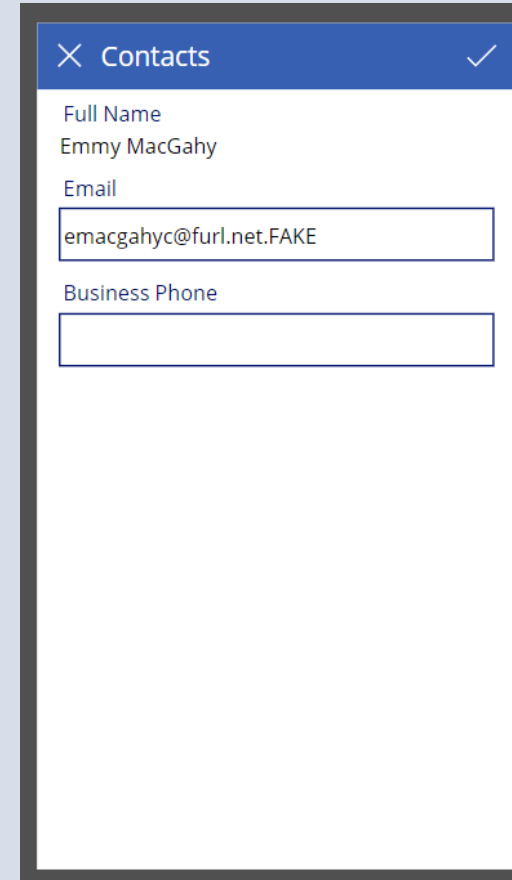
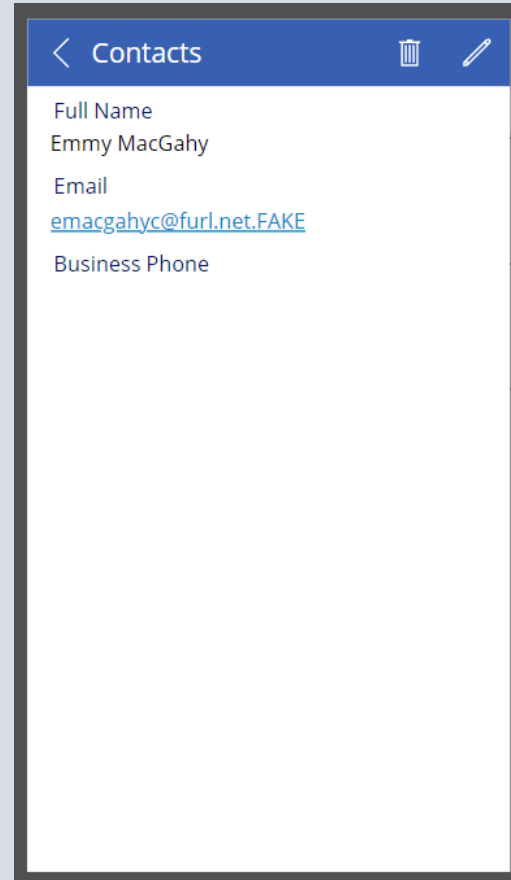
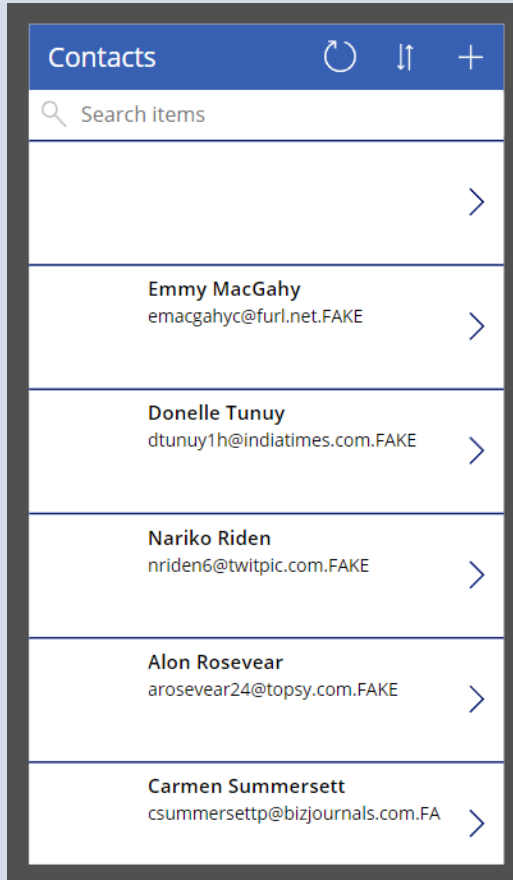
- The same old blue and grey
- Exploring the possibilities
- A Data-Driven Theme Creator
- A World of Possibilities
- Q&A

# The same old blue & grey

Don't Accept The Defaults! – Abel Wang



# The familiar 3-Screens...





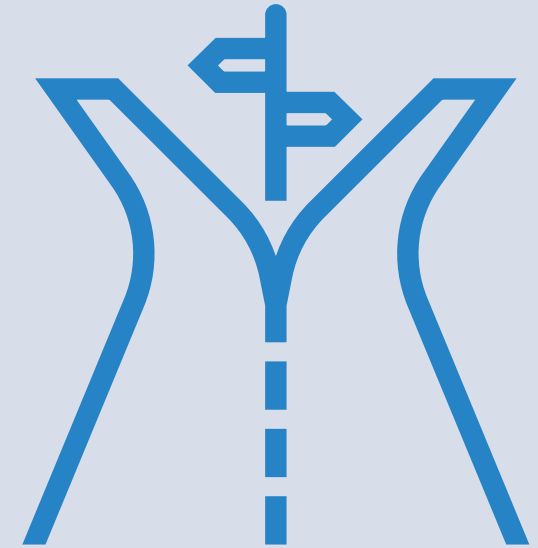
# There are alternatives!

Welcome to the world of AWESOME



# But first... a quick detour

It wouldn't be me without mentioning this



Let's talk Accessibility for a moment

**WCAG**

Web Content  
Accessibility Guidelines

**ARIA**

Accessible Rich  
Internet Applications

## What do WCAG and ARIA define

- Colour Contrast
- Images – Alt Text
- Font & Formatting
- Navigation
- Screen Readers
- Page Structures and Tags
- and more...



# Back to our scheduled programming

I did say it would be a quick detour!

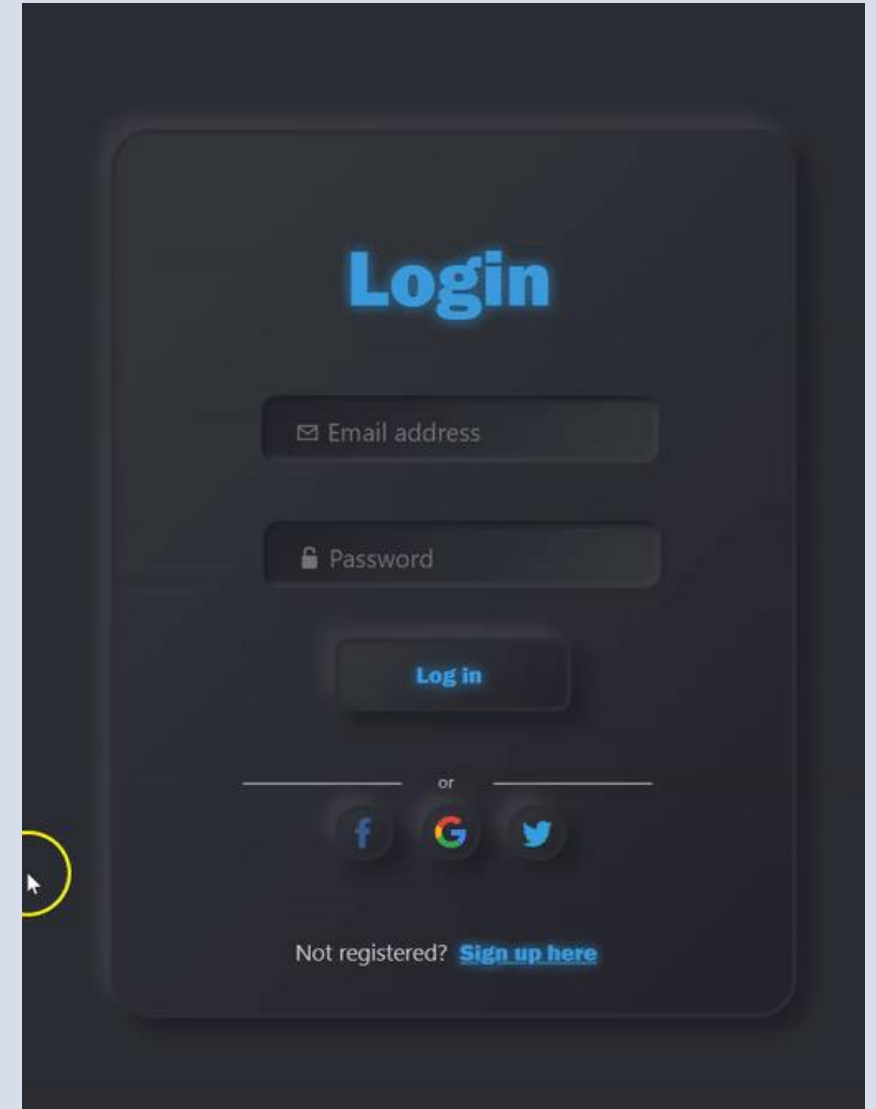


# Just some of the amazing creators and kits



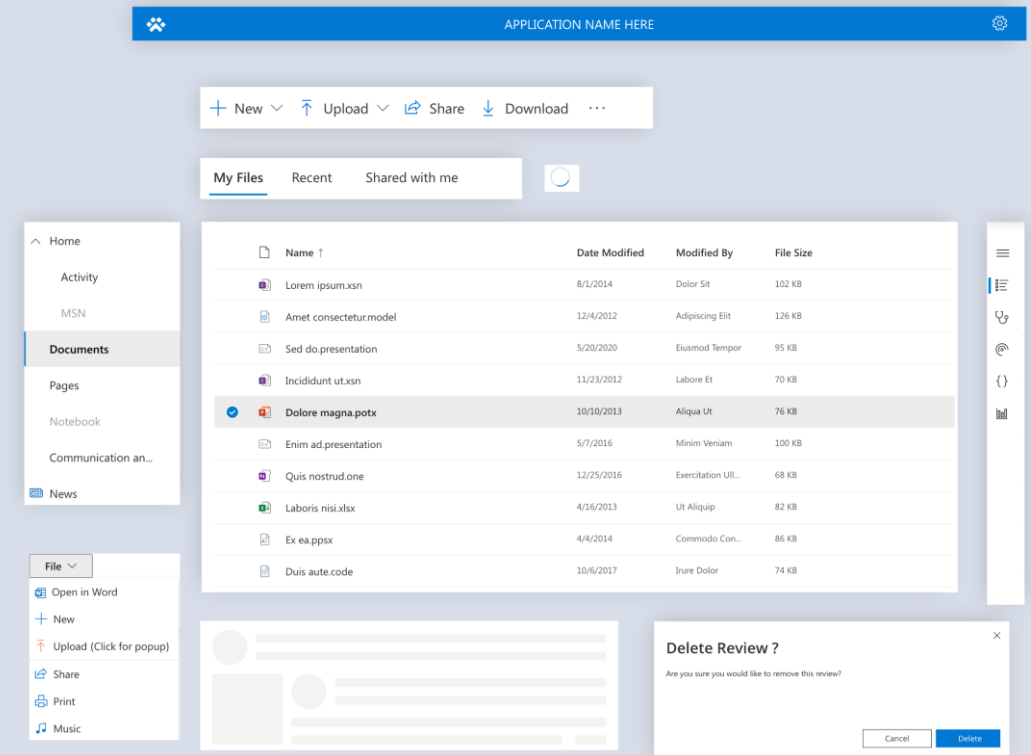
# Kristine Kolodziejcki

- <https://kristine.dev/>
- UI/UX Genius and Legend
- Microsoft MVP
- Speaker, Trainer, Gamer, Racer
- #FrontEndWithKristine
- Accessibility advocate



# Power CAT Creators Kit

- A set of components that can be used in Power Apps
- Helps build a FluentUI style interface
- Available on GitHub at <https://github.com/microsoft/powercat-creator-kit>
- Accessibility a core element of the design
- Very simple starting point for app designers and builders





# Sancho Harker

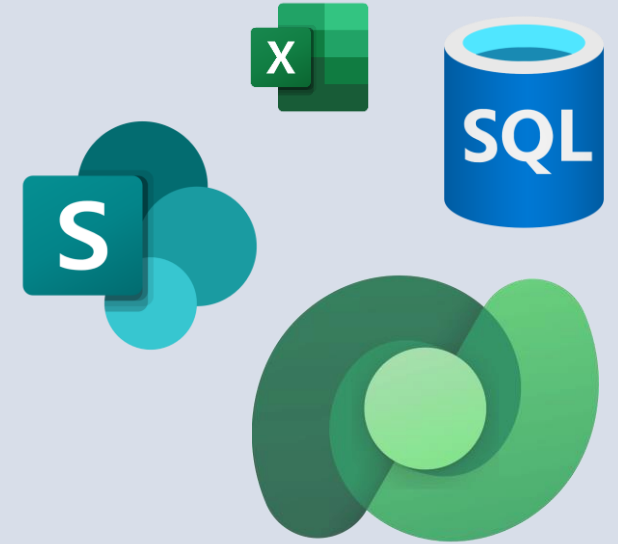
- THE father of Themed Power Apps
- Microsoft MVP
- Accessibility advocate
- Power Apps Branding Template for Canvas Apps
- Implement theming across all controls in Power Apps
- Find out more at

<https://www.iammancat.dev/2022/01/power-apps-branding-template-v3/>



# A Data-Driven Solution...

- Easy to offer multiple themes in all apps
  - Dark Mode, Light Mode, High/Low Contrast etc...
- Centrally update the look when marketing do a rebrand
  - Instantly get a new look across all apps!
- WCAG (Web Content Accessibility Guidelines) Compliance included
- Build using standard controls
  - Adaptable to work with the Creator Kit
- Based on Dataverse, SharePoint, or any other data source that Power Apps can use!



# Simple Data Structure

Display name	Schema Name	Data type
Name	hart_Name	Single line of text
Scheme WCAG Status	hart_SchemeWCAGStatus	Choice
Logo Image	hart_LogoImage	Image
Background Colour	hart_BackgroundColour	Single line of text
Foreground Text Colour	hart_ForegroundTextColour	Single line of text
Main WCAG Ratio	hart_MainWCAGRatio	Decimal
Button Colour	hart_ButtonColour	Single line of text
Button Text Colour	hart_ButtonTextColour	Single line of text
Button WCAG Ratio	hart_ButtonWCAGRatio	Decimal
Button Hover Colour	hart_ButtonHoverColour	Single line of text
Button Hover Text Colour	hart_ButtonHoverTextColour	Single line of text
Button Hover WCAG Ratio	hart_ButtonHoverWCAGRatio	Decimal
Alternative Colour	hart_AlternativeColour	Single line of text
Alternative Text Colour	hart_AlternativeTextColour	Single line of text
Alternative WCAG Ratio	hart_AlternativeWCAGRatio	Decimal
Light Colour	hart_LightColour	Single line of text
Light Text Colour	hart_LightTextColour	Single line of text
Light WCAG Ratio	hart_LightWCAGRatio	Decimal
Selected Colour	hart_SelectedColour	Single line of text
Selected Text Colour	hart_SelectedTextColour	Single line of text
Selected WCAG Ratio	hart_SelectedWCAGRatio	Decimal
Hover Border Colour	hart HoverBorderColour	Single line of text
Focus Border Colour	hart FocusBorderColour	Single line of text
Highlight Colour	hart_HighlightColour	Single line of text

# A whole new world

Enabling all makers to make  
beautiful, accessible, Apps



# Perfection is impossible

The key thing is Progress





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Q&A

# Connect with me



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THANK YOU!