Power Apps

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Topics

What is Power Apps?

Business challenges that Power Apps solves

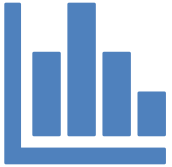
The journey of adopting Power Apps at Beever and Struthers

Key benefits for accountants

What is Power Apps?

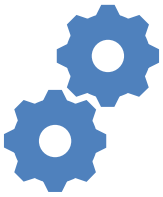
Part of Microsoft's Power Platform

Allows custom app building with no/low code



Connects with SharePoint, Excel, and more

Business Problem-Solution Mapping



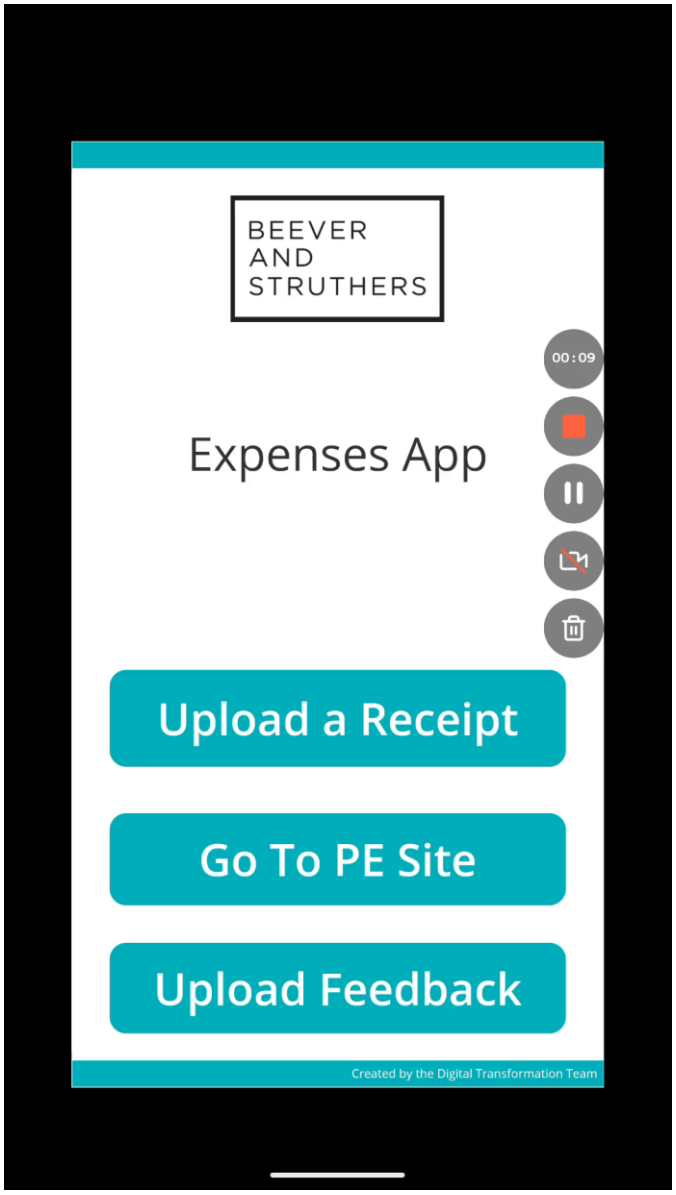
Manual data entry vs.
Automated workflows

Data silos vs.
Integrated platforms

Paper processes vs.
Digital transformation

Success Stories at Beever and Struthers

- Equipment checkout
- Suggestions app
- Expenses app
- Book a room app
- Conflict resolution app


BEEVER
AND
STRUTHERS
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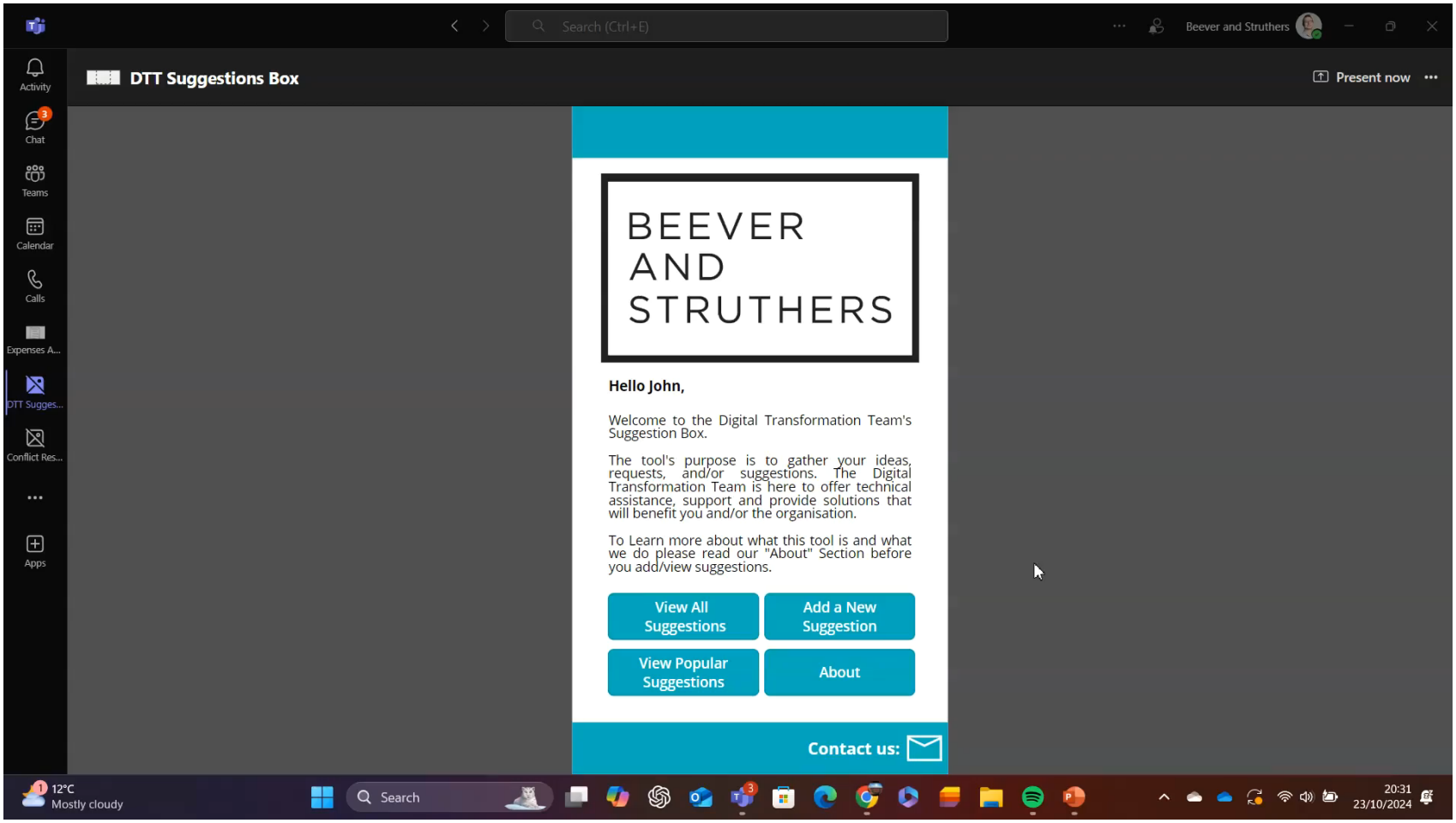
Expenses App
Upload a Receipt
Go To PE Site
Upload Feedback
Created by the Digital Transformation Team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Beever and Struthers
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Calls
Expenses A...
DTT Sugges...
Conflict Res...
Apps
DTT Suggestions Box
Present now
BEEVER AND STRUTHERS
Hello John,
Welcome to the Digital Transformation Team's Suggestion Box.
The tool's purpose is to gather your ideas, requests, and/or suggestions. The Digital Transformation Team is here to offer technical assistance, support and provide solutions that will benefit you and/or the organisation.
To Learn more about what this tool is and what we do please read our "About" Section before you add/view suggestions.
View All Suggestions
Add a New Suggestion
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About
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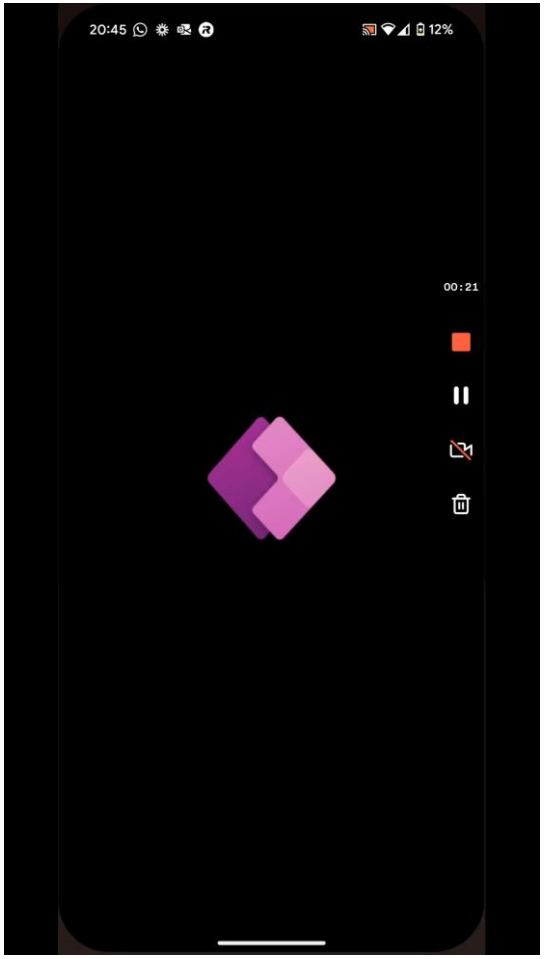
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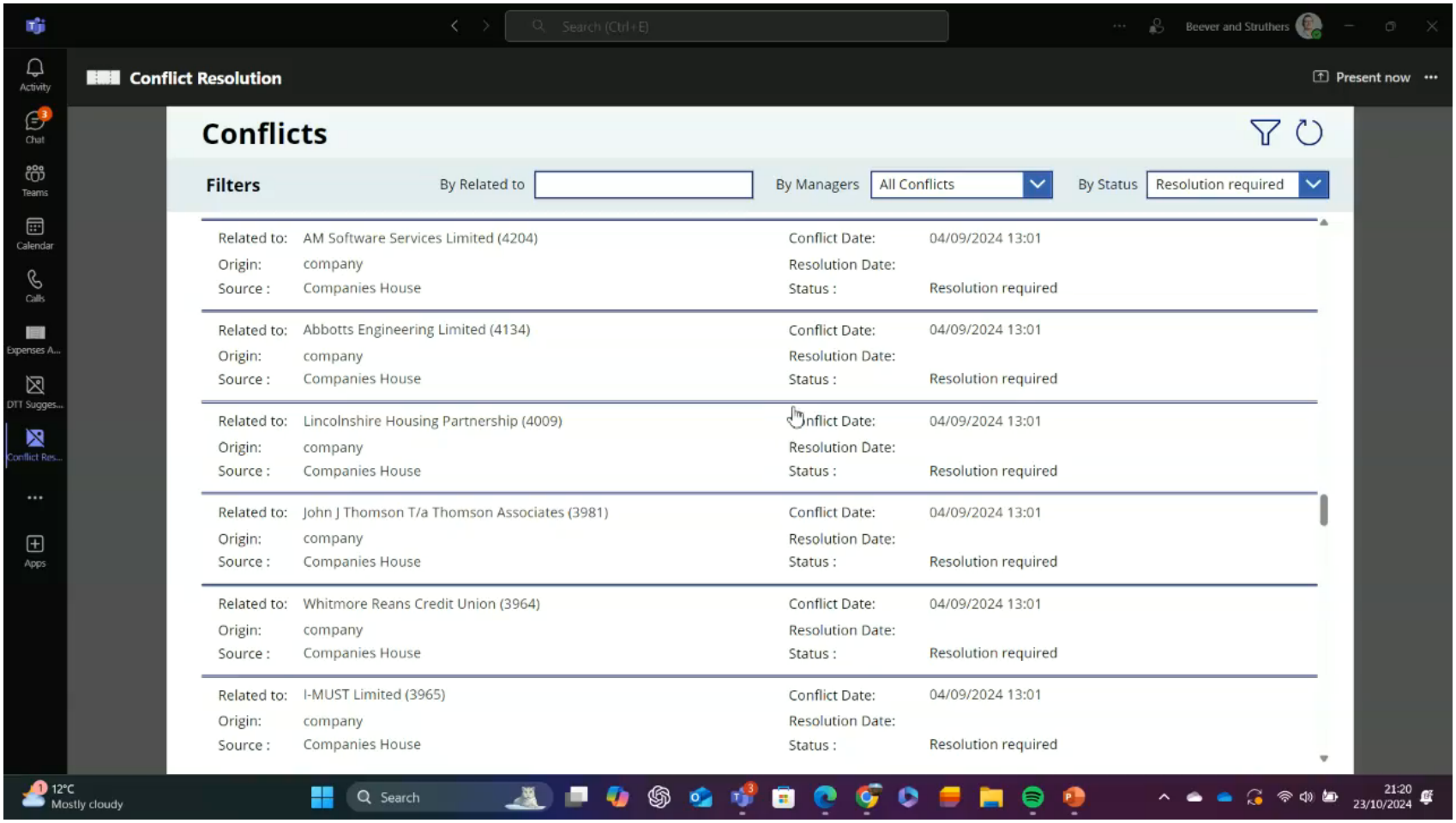
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Related to: AM Software Services Limited (4204)
Origin: company
Source : Companies House
Conflict Date: 04/09/2024 13:01
Resolution Date:
Status : Resolution required
Related to: Abbotts Engineering Limited (4134)
Origin: company
Source : Companies House
Conflict Date: 04/09/2024 13:01
Resolution Date:
Status : Resolution required
Related to: Lincolnshire Housing Partnership (4009)
Origin: company
Source : Companies House
Conflict Date: 04/09/2024 13:01
Resolution Date:
Status : Resolution required
Related to: John J Thomson T/a Thomson Associates (3981)
Origin: company
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Related to: Whitmore Reans Credit Union (3964)
Origin: company
Source : Companies House
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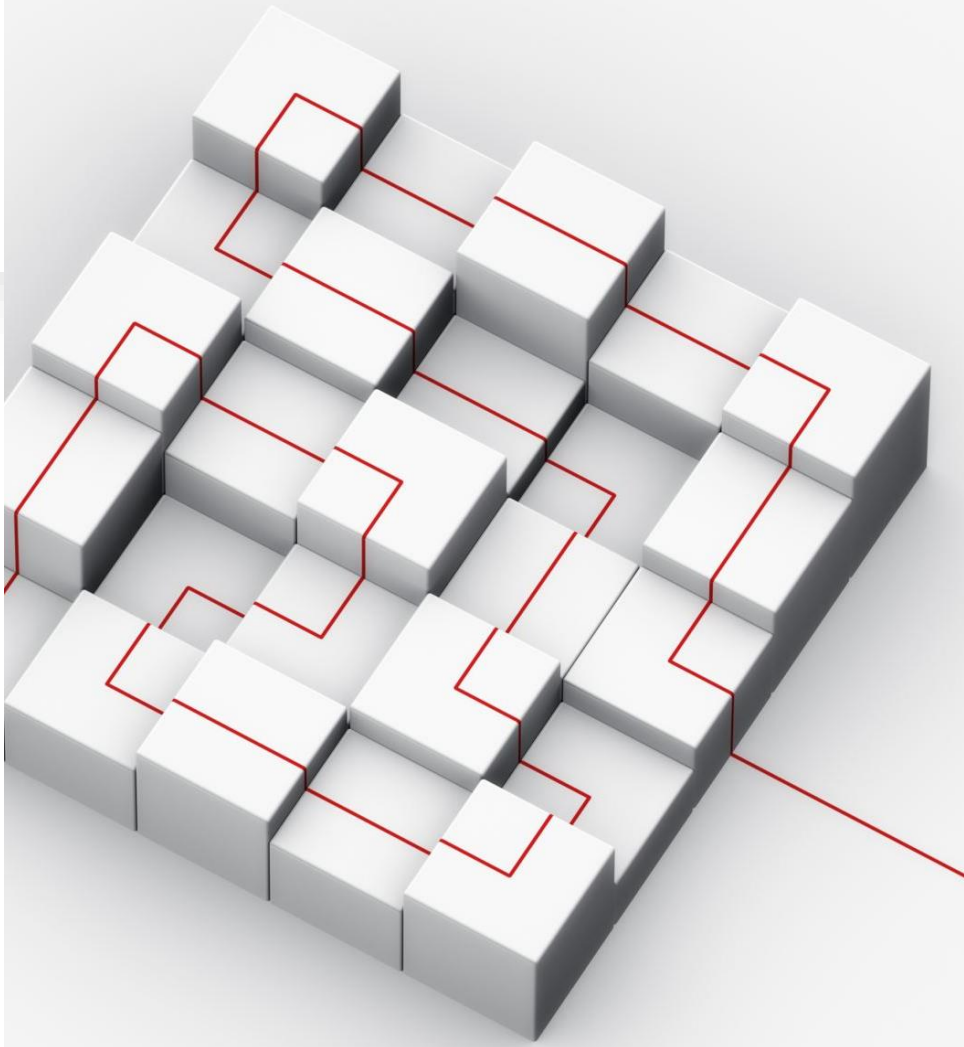
Live Build Overview

- Building a Canvas app from scratch
- Key steps: Connect, Design, Build, Test, Deploy
- Features demonstrated: SharePoint List integration, Gallery & Form customisations.

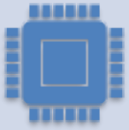


Scenario

- *MZN Accountancy LTD* manages a wide portfolio of clients, including both companies and individuals. Each client is assigned a specific Client Manager, and a client status denoting if a client is "Active," "Prospect," or "Lost."
- Recently, the firm decided to restructure its management teams and shift some responsibilities due to promotions, workload balancing, and internal transfers.
- There had been significant movement in the firm's client base. The first review has identified that some clients had switched from prospect to active status, while others have ceased to be clients however, this isn't currently being reflected in the current portfolio data.

Power Apps – The Good and the Limitations

Pros:



No/Low-Code Development: Great for non-developers, allowing teams to create apps without deep programming knowledge.

Integration with Microsoft Ecosystem: Seamlessly connects with tools like SharePoint, OneDrive, Excel, and Power BI.

Quick to Deploy: Build simple apps rapidly and distribute them to the team.

Cons:

Limited Customization for Complex Solutions: Power Apps struggles with highly specific business needs that require heavy customization or advanced features.

Performance Issues with Large Data Sets: Slower performance when working with large datasets, especially if the app logic is too complex.

Steep Learning Curve for Non-Technical Users: Although it's easier than traditional coding, there's still a learning curve for non-tech-savvy users.

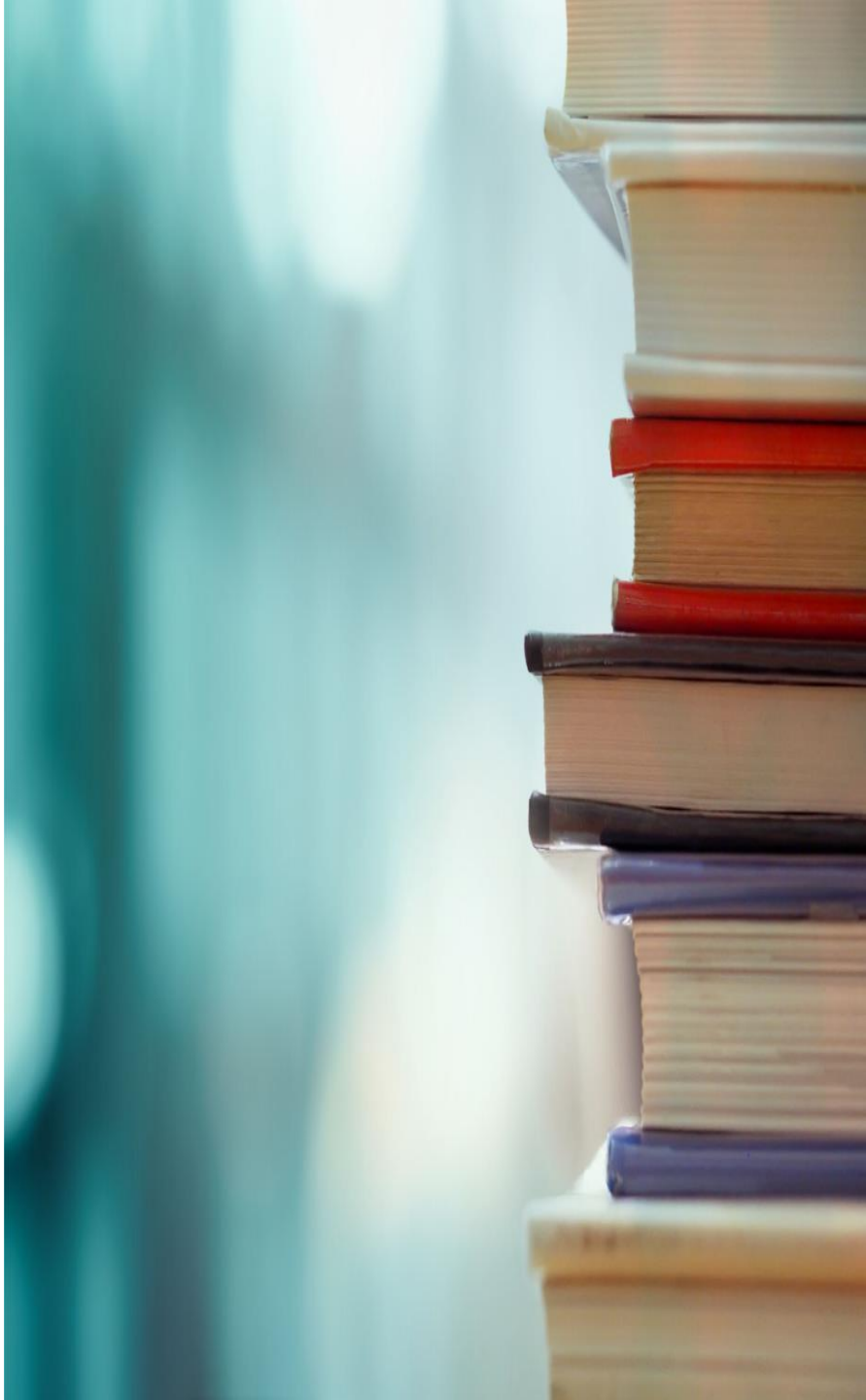
Alternatives to Power Apps

Feature	Power Apps	Power Automate	Custom Software
Best For	Simple apps, forms, data integration	Automating workflows and repetitive tasks	Complex, highly customized applications
Ease of Use	No/low-code, easier for non-developers	No-code for simple workflows	Requires professional development teams
Customization	Limited for complex scenarios	Moderate, focused on automating processes	Fully customizable to business needs
Speed of Development	Quick for small, simple apps	Very fast for workflow automations	Slower due to custom coding
Integration	Excellent with Microsoft ecosystem	Excellent with Microsoft ecosystem	Can integrate with any system, but takes longer
Cost	Low – included in most Microsoft 365 plans	Low – included in most Microsoft 365 plans	Higher cost for development and maintenance
Scalability	Limited for enterprise-level apps	Good for scaling automated processes	Scalable as needed, but at a cost
Examples	Timesheet app, approval form	Automating report generation from Excel	Custom ERP, Financial Analysis Systems

Useful Resources

Learning Resources

- Microsoft Learn
- App in A Day
- Power Apps Youtube Channel
- Power Apps Community

Power App Gurus

- Shane Young
- Rezza Dorrani
- Brian Knight(Pragmatic Works)