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Angelo

- Focused on Power Platform
- In love with SharePoint since 2011
- MTC for the third consecutive year
- PnP Contributor, Blogger and Speaker
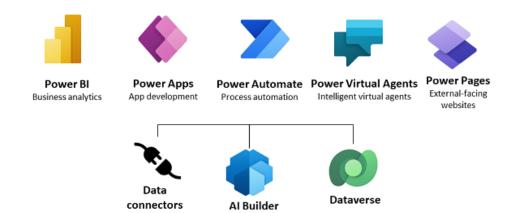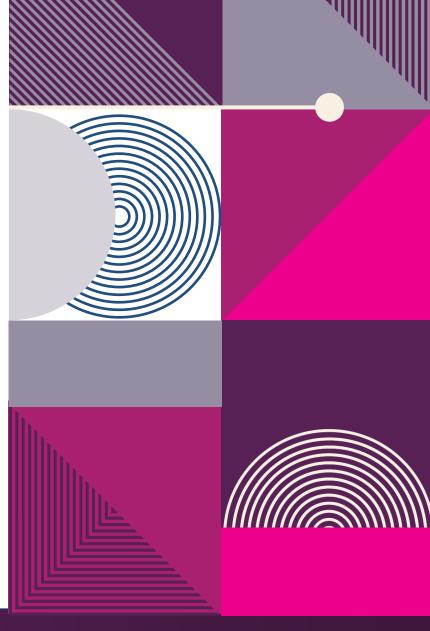
Agenda

- Power Platform
- Canvas App
- Some App's Example
- Other Options to build App?
- One cool No-Code Option ☺
- Demo

POWER PLATFORM

Power Platform is **a low-code** platform developed by **Microsoft** that enables users to create business applications, workflows , chatbot, website , report and dashboard, without writing extensive amounts of code.

POWER PLATFORM

POWER APPS

A service for building applications that can run on any device, including phones, tablets, and desktops. Power Apps uses a drag-and-drop interface to allow users to create forms, connect to data sources, and add custom logic to their applications.

POWER AUTOMATE

A service that enables users to automate workflows and business processes. Power Automate integrates with hundreds of different services, including Microsoft's own tools like OneDrive, SharePoint, and Teams, as well as external services like Slack and Salesforce.

POWER PLATFORM

POWER BI

A data visualization and business intelligence tool that allows users to create interactive dashboards, reports, and charts based on their data. Power BI integrates with Power Apps and Power Automate to allow users to connect their data sources and automate workflows based on the insights they gain from their data.

POWER VIRTUAL AGENT

Power Virtual Agents is a tool that enables organizations to build and deploy chatbots without writing any code for a variety of use cases, such as customer service, HR, and marketing.

Users can interact with the chatbots through various channels, including websites, Teams, Applications etc.

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POWER PLATFORM

POWER PAGES

Microsoft Power Pages is a secure, enterprise-grade, low-code platform for creating, hosting, and administering modern external-facing business websites.

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POWER APPS - CANVAS APP

With **Power Apps** , basically you can create 2 types of App:

- **Canvas App,** who allow you to build and app with a **drag-and-drop interface** and writing (low ☺) "code" formulas likes Excel.
- **Model Driven Apps** with this kind of App, you allow quickly creation of business applications that use data from Microsoft Dataverse.
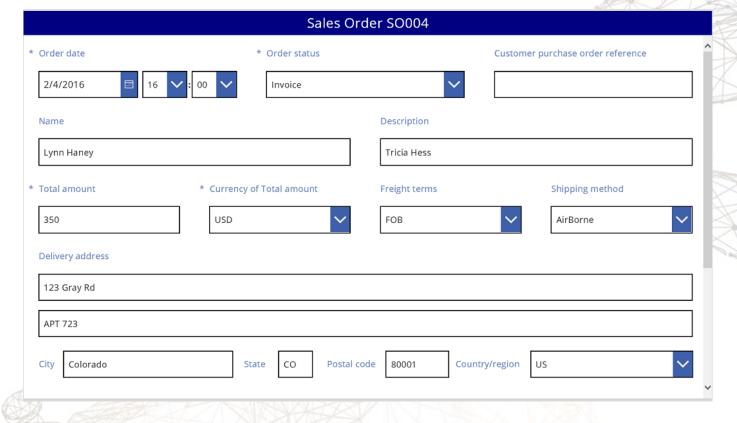
Let's speak about Canvas App.

Basically, you can choose components, drag it in your canvas and create your app. See following examples.
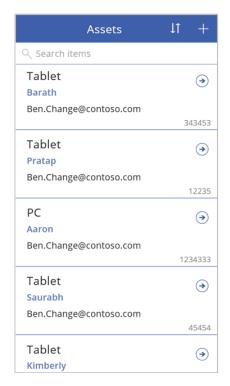
POWER PLATFORM
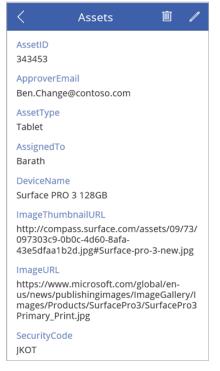**BOOTCAMP**

...SOME EXAMPLE

Sales Order SO004

* Order date: 2/4/2016, 16 : 00
* Order status: Invoice
Customer purchase order reference:

Name: Lynn Haney
Description: Tricia Hess

* Total amount: 350
* Currency of Total amount: USD
Freight terms: FOB
Shipping method: AirBorne

Delivery address: 123 Gray Rd / APT 723

City: Colorado   State: CO   Postal code: 80001   Country/region: US
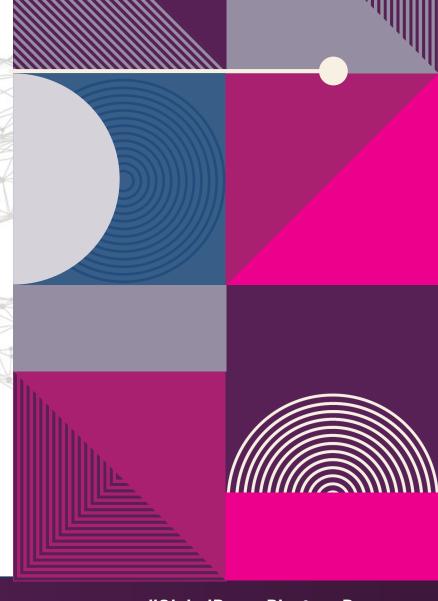
…SOME EXAMPLE

Browse screen
Primary control: Gallery

Details screen
Primary control: Display form

Edit and Create screen
Primary control: Edit form

OTHER OPTIONS TO BUILD APP?

How can we create apps with look and feel nicer and "similar" to Microsoft 365?

An idea is using PCF (**Power Apps Component Framework**) to build our custom control to create beautiful applications.

This approach has a lot of **advantages**:

- Creating exactly control you need
- Reusability of controls
- Optimized for performance
- Etc..

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OTHER OPTIONS TO BUILD APP?

What about "**disadvantages**" ?

You must be developer ☺

- You need development skills HTML, CSS, TypeScript
- You should kwnow front end language liks React or Angulaar
- It is a time-consuming activity

ONE COOL NO-CODE OPTION!

CREATOR KIT!

Creator Kit contains a set of controls, who using **FLUENT UI** , that you can use to build professional applications.

Fluent UI A UX frameworks for creating beautiful, cross-platform apps that share code, design, and interaction behavior.

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INSTALLATION

PREREQUISITES

- A Microsoft Power Platform environment with a Dataverse database

- The Power Apps code components for Canvas apps feature enabled (the System Administrator security role is needed to enable the feature).

- The System Customizer security role is needed to use the Creator Kit components.

- A Power Apps for Microsoft 365 license.

INSTALLATION

MANUALLY INSTALL THE SOLUTIONS

- Download the **CreatorKitCore** solution.

- In Power Apps, select your Microsoft Power Platform environment.

- Import the solution.

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CONTROLS

ABOUT 27 CONTROLS

Creator Kit contains 27 controls, let's see more interesting.

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"BASIC INPUT"

Allow user to set value in small steps and create search experience.
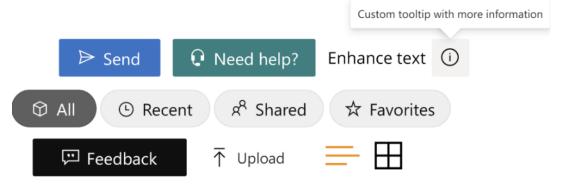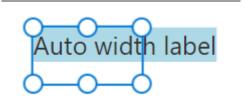
SPINBUTTON

SEARCHBOX

"BASIC INPUT"

Display Fluent UI icons and A control used to display data.

ICON CONTROL

AUTOWIDTH LABEL

"COMMANDS,MENU & NAV"

Provide navigation and provide set of commands.

BREADCRUMB
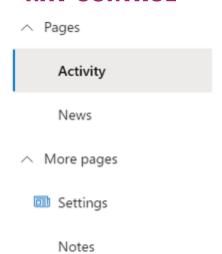
General > Document > ··· > File 5 > File 6 > **File 7**

COMMANDBAR

+ New   ✏ Edit   🗑 Delete   ↻ Refresh   ? Help

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"COMMANDS,MENU & NAV"

Provide navigation experience.

EXPAND MENU

NAV CONTROL

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"ITEMS AND LISTS"

Display set of data.

DETAIL LIST

Name ↑	Primary Contact
● A. Datum Corporation (sample) Redmond U.S.	Rene Valdes (sample)
○ Adventure Works (sample) Santa Cruz U.S.	Nancy Anderson (sample)
Alpine Ski House (sample) Missoula U.S.	Paul Cannon (sample)
Blue Yonder Airlines (sample) Los Angeles U.S.	Sidney Higa (sample)
City Power & Light (sample) Redmond U.S.	Scott Konersmann (sample)
Coho Winery (sample) Phoenix U.S.	Jim Glynn (sample)
Contoso Pharmaceuticals (sample) Redmond	Robert Lyon (sample)

TAGLIST

Power Apps   Power Automate   Power BI

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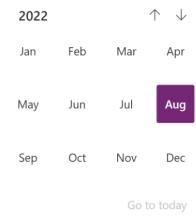
"PICKERS"

Chose date and People.

CALENDAR

PEOPLE PICKER
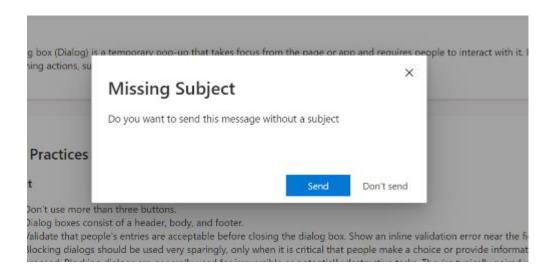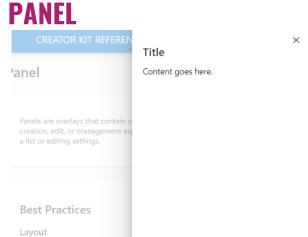
"SURFACES"

Popup and Panels.

DIALOG

PANEL

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ALL CONTROLS

You can see al controls here:

https://learn.microsoft.com/en-us/power-platform/guidance/creator-kit

REFERENCE APP

In creator Kit Reference App, you can see example of controls and some controls not included in documentation.

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DEMO

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Any Questions?

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THANK YOU

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