

## Hide menu

## Introduction to Power Apps portals

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18 min

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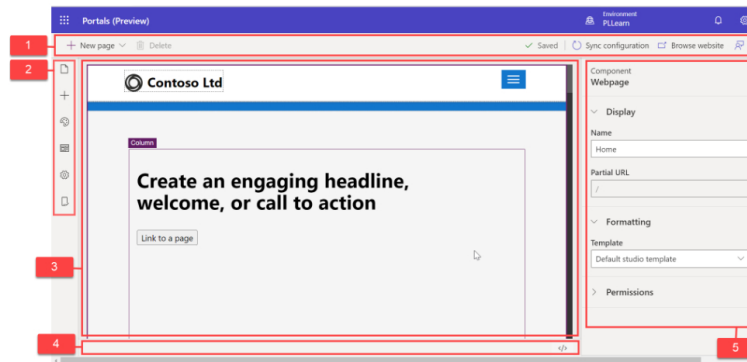
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# Overview of core components of portals

## Power Apps portals Studio

You can use Power Apps portals Studio to create and customize your website. It contains various options to add and configure web pages, components, forms, and lists.

The anatomy of Power Apps portals Studio is as follows:



Power Apps portals Studio components:

1. **Command bar** - Allows you to:
  - Create a webpage.
  - Delete a component.
  - Sync Configuration - synchronizes the latest portal configuration changes in Microsoft Dataverse database with your current Studio session. For example, use Sync Configuration to reflect the changes in Studio when using the Portal Management app to change the configuration of pages, forms or any other objects.
  - Browse website - clears the portal cache and opens the current portal page
2. **Toolbelt** - Allows you to:
  - View and manage webpages
  - Add components
  - Edit templates
3. **Canvas** - Contains the components that build a webpage.
4. **Footer** - Displays autosave status and allows you to open-source code editor.
5. **Properties pane** - Displays the properties of a webpage and selected components and lets you edit them as required.

## Webpages

Most of a portal's content is represented by webpages. A webpage is a document that is identified by a unique URL in a website. Through parent and child relationships to other webpages, webpages form the hierarchy of a website, that is, its site map. Webpages can be added and edited by using the Portal Studio, the portal front-side editor, or directly in Microsoft Dataverse by using the Portal Management app.

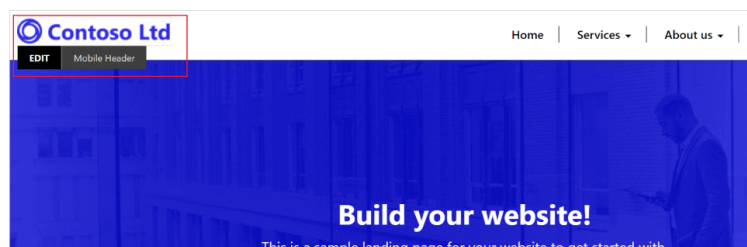
## Page templates

A webpage row does not define how the page looks when it is rendered on the portal. Instead, it is linked to the **Page template** row that defines the layout and the behavior. Think of the webpage as the exact URL and the Page template as the blueprint for displaying the content.

## Content snippets

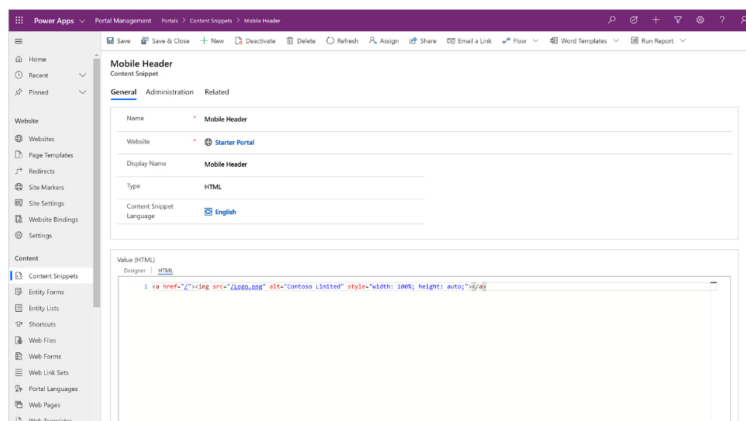
Content snippets are reusable fragments of editable content that can be placed within a web template. Using snippets allows for targeted editing of parts of a page without affecting the overall content.

Content snippets can include plain text, HTML layout, or template processing instructions, which helps enable dynamic content. In the example below, **Mobile Header** is a content snippet that can be updated with your company's logo to quickly and easily tailor the portal to your needs.



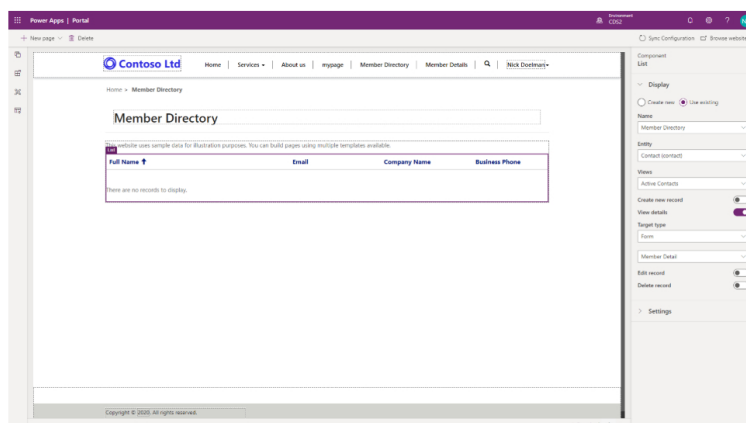


Snippets can be edited by using Portal Studio and Microsoft Dataverse rows by using the Portal Management app. Here is where you would replace the image source in the **Value** column with your company's logo.



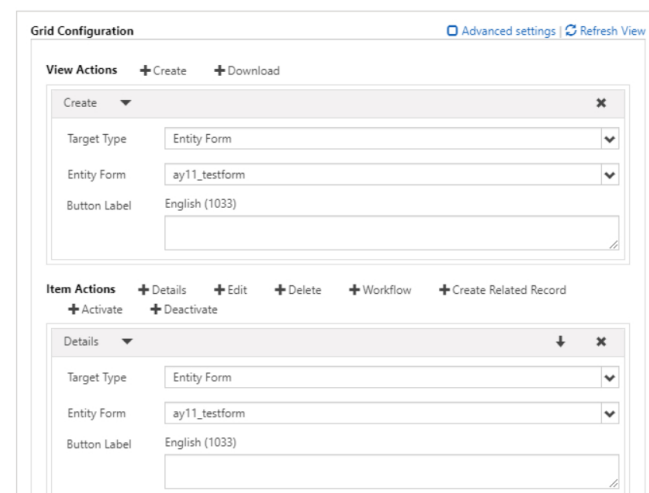
## Table lists and table forms

The strength of Power Apps portals is the ability to interact with information and data that is stored in Microsoft Dataverse. Table lists and table forms are used in Power Apps portals to define what data should render on the portal from Microsoft Dataverse, such as a list of rows from a table or a form to capture and display data for a specific row.



A webpage row can be linked to a **table list** or an **table form**. The linked list or form will be used by the template to render the page layout with data from Microsoft Dataverse, such as a list of all *Active Contacts* to form the above *Member Directory* list. In the **Properties** pane on the right of the above example, you see that this table list was created to display the *Active Contacts* view from the *contacts* table.

Table lists can include functionality like filtering and sorting and can also have actions associated with them to enable Create/Edit/Read abilities and to trigger workflows. With this, App Makers can determine what will happen when a user opens a row from a list, such as taking them to a form displaying the details of the selected row.



In the above example, the App Maker has dictated that the user will be taken to the **Table Form** if they want to *create* or *view details* for a specific row from a list.

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