DynamicsPower!
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Microsoft

velrada

DIGITAL MONK INTERNATIONAL

NORTH52
Turbocharge Dynamics 365

POWER OBJECTS
An HCL Technologies Company

KingswaySoft

Intro to PowerApps Portals

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Who Am I?

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https://crm.audio/category/podcasts/dynamics365-portals/

Intro to PowerApps Portals

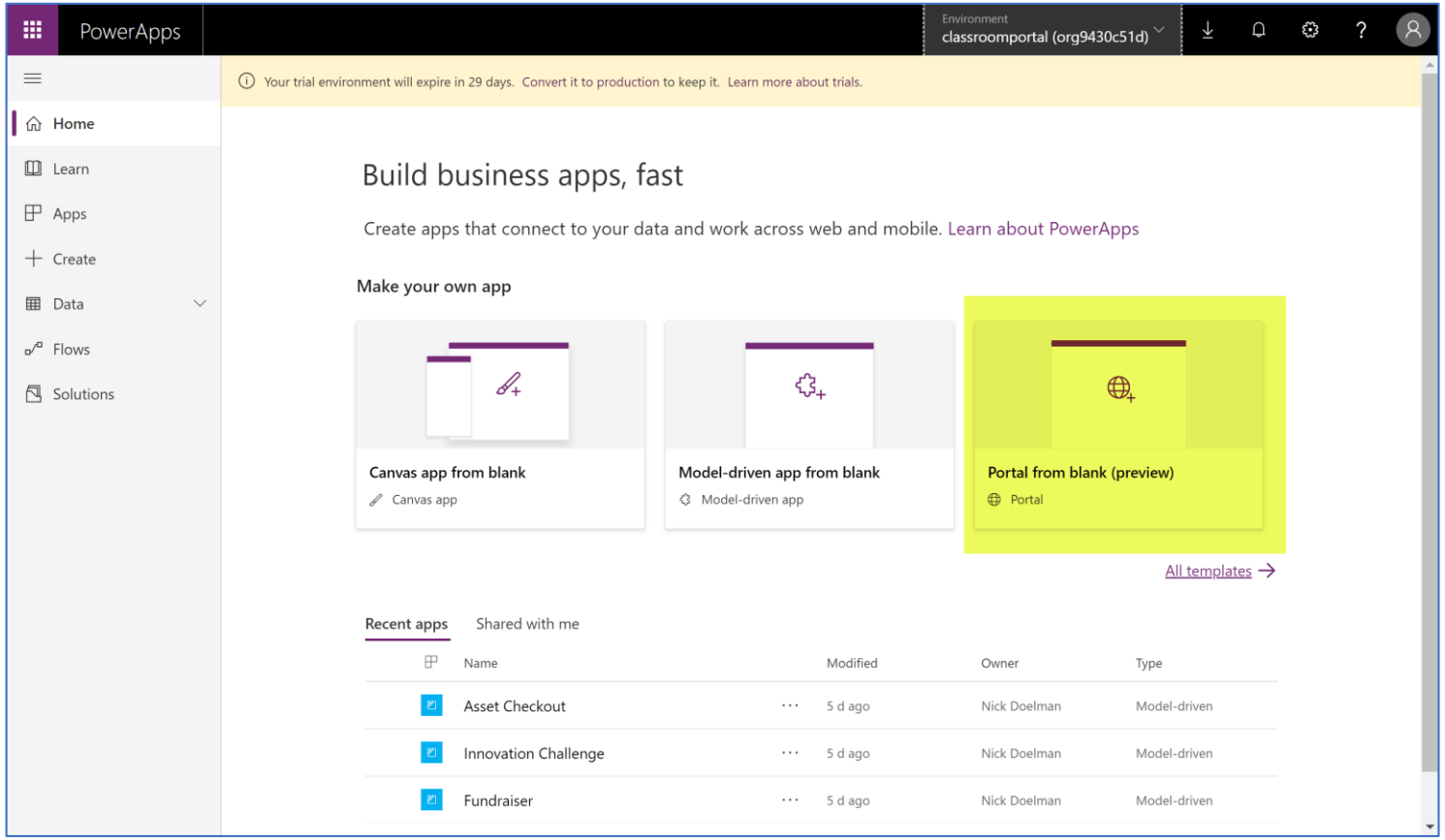
Goal Today

- In the next 60 minutes…
- Provision a portal and surface CDS data to an authenticated external user
- LIVE demonstration
- Assume knowledge of Model-Driven Configuration (Entities, Forms, Views, etc)

Intro to PowerApps Portals

Intro to PowerApps Portals

- Provision Portal



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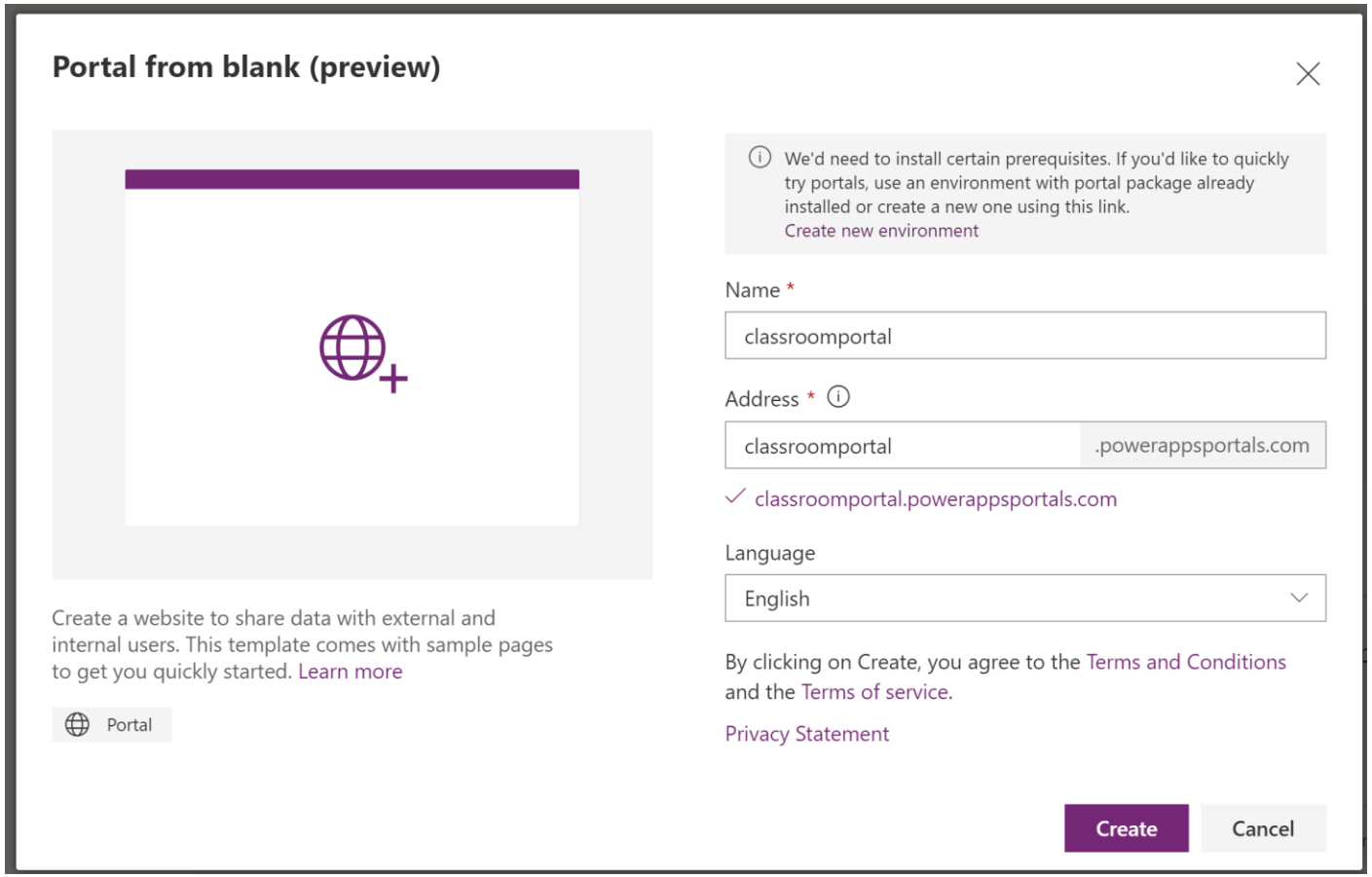
- Provision Portal



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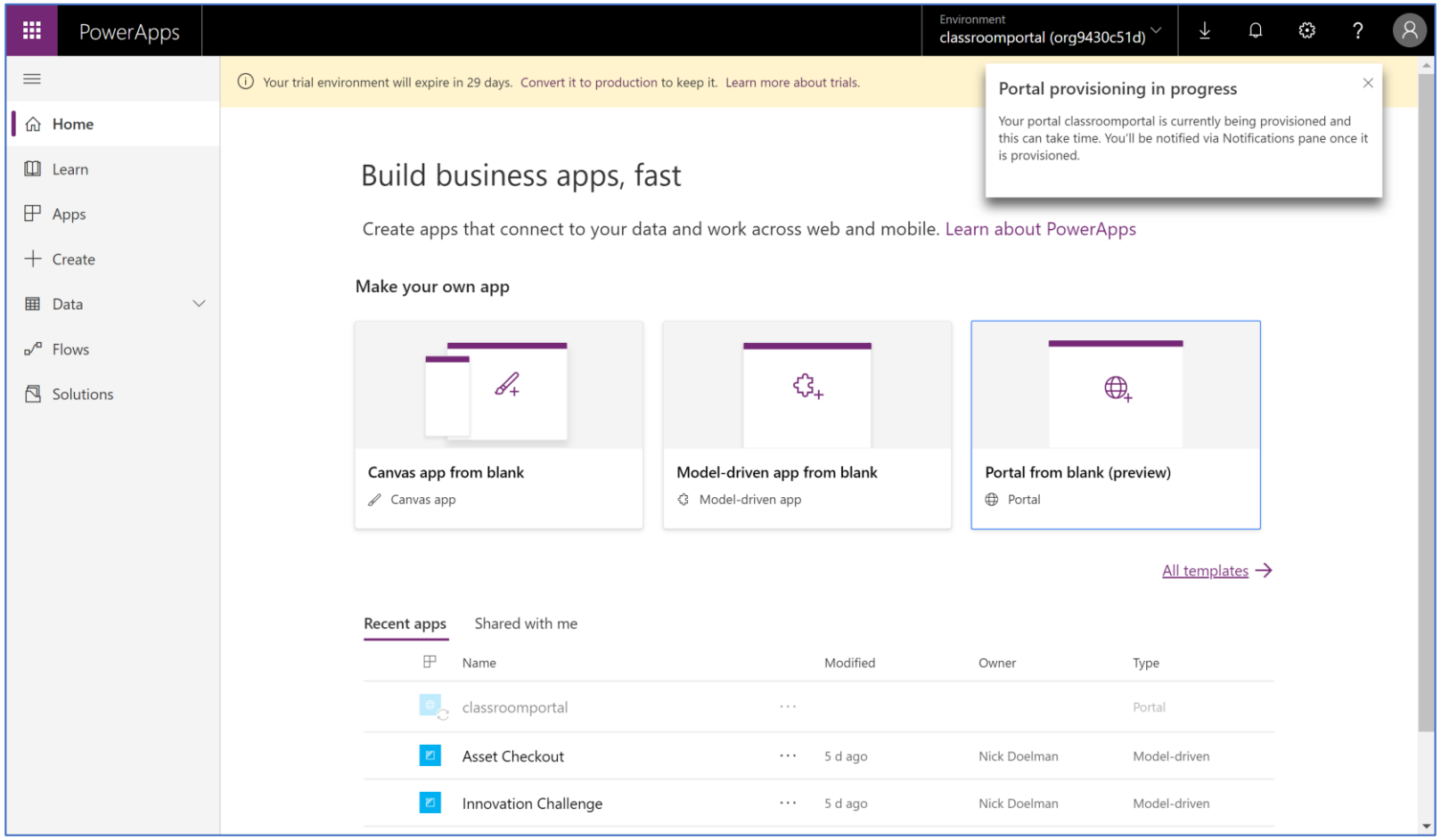

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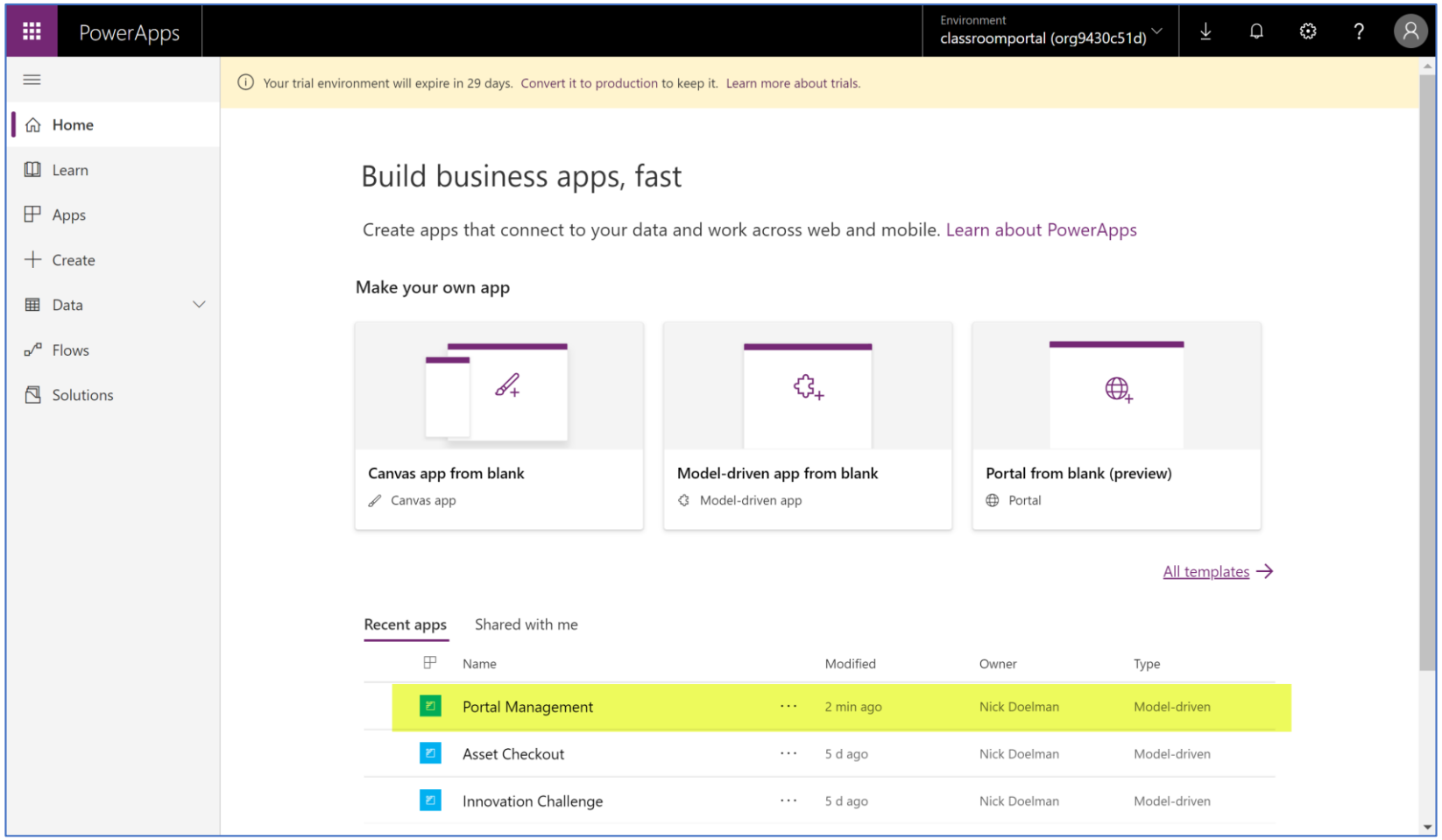

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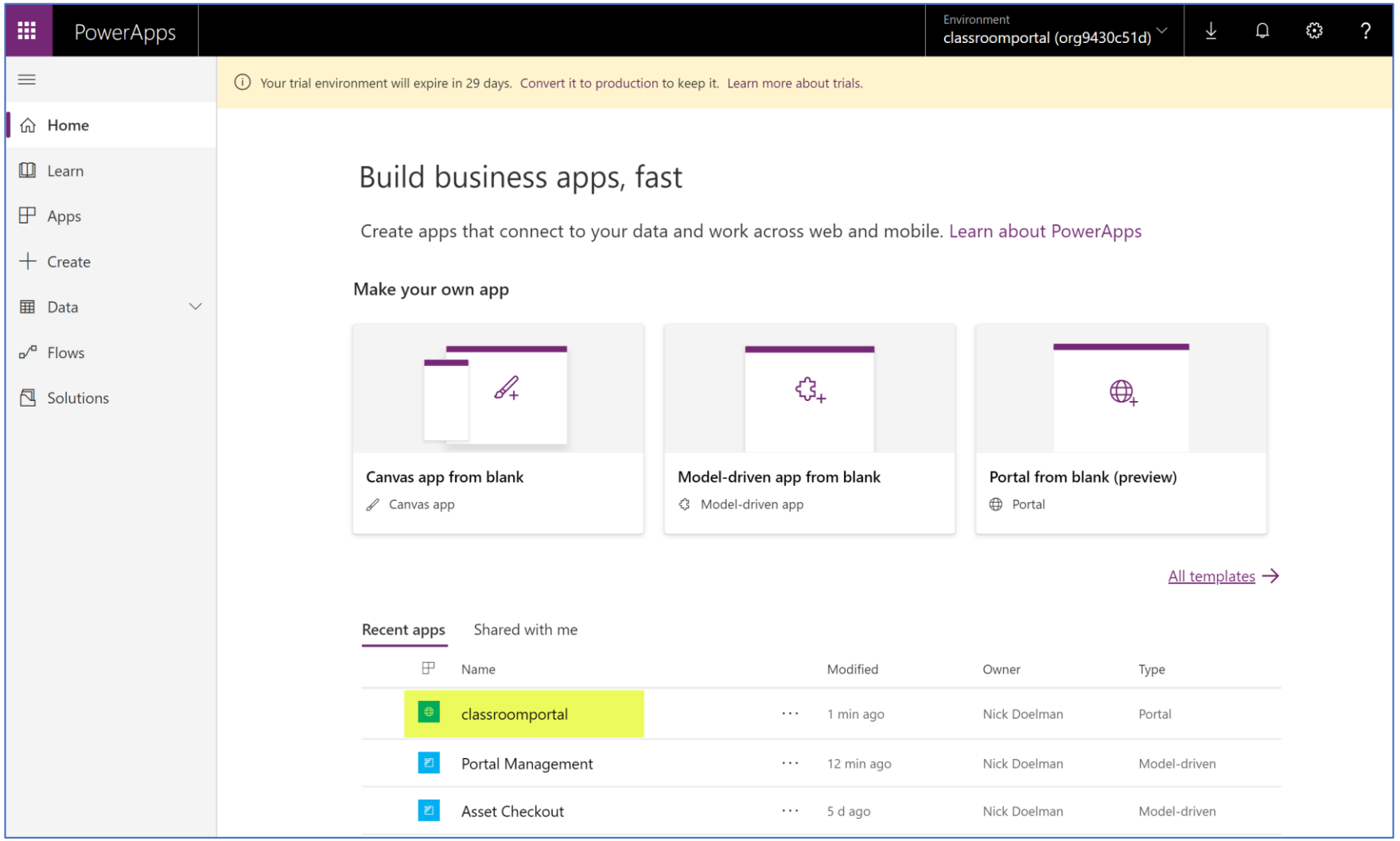

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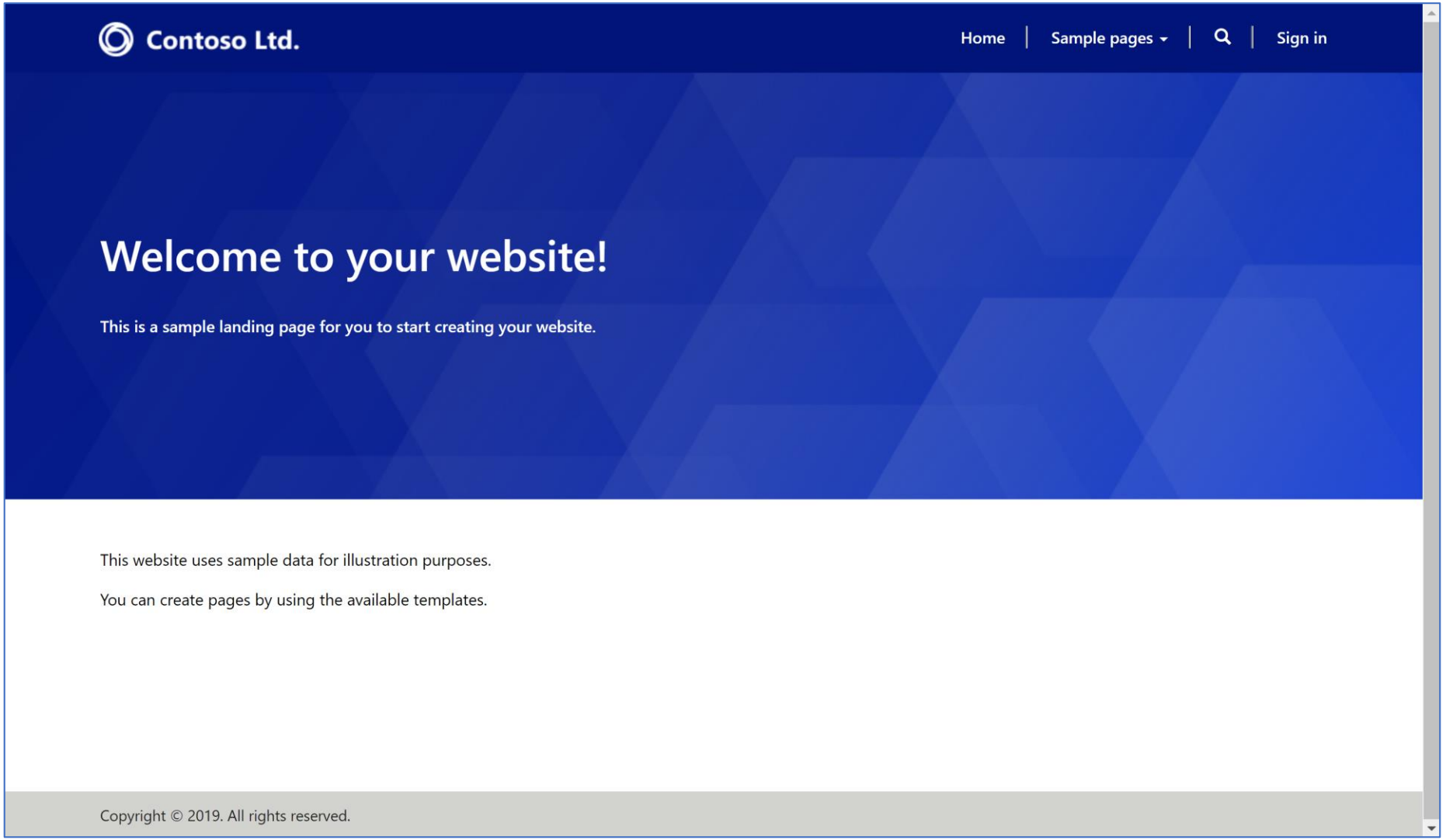

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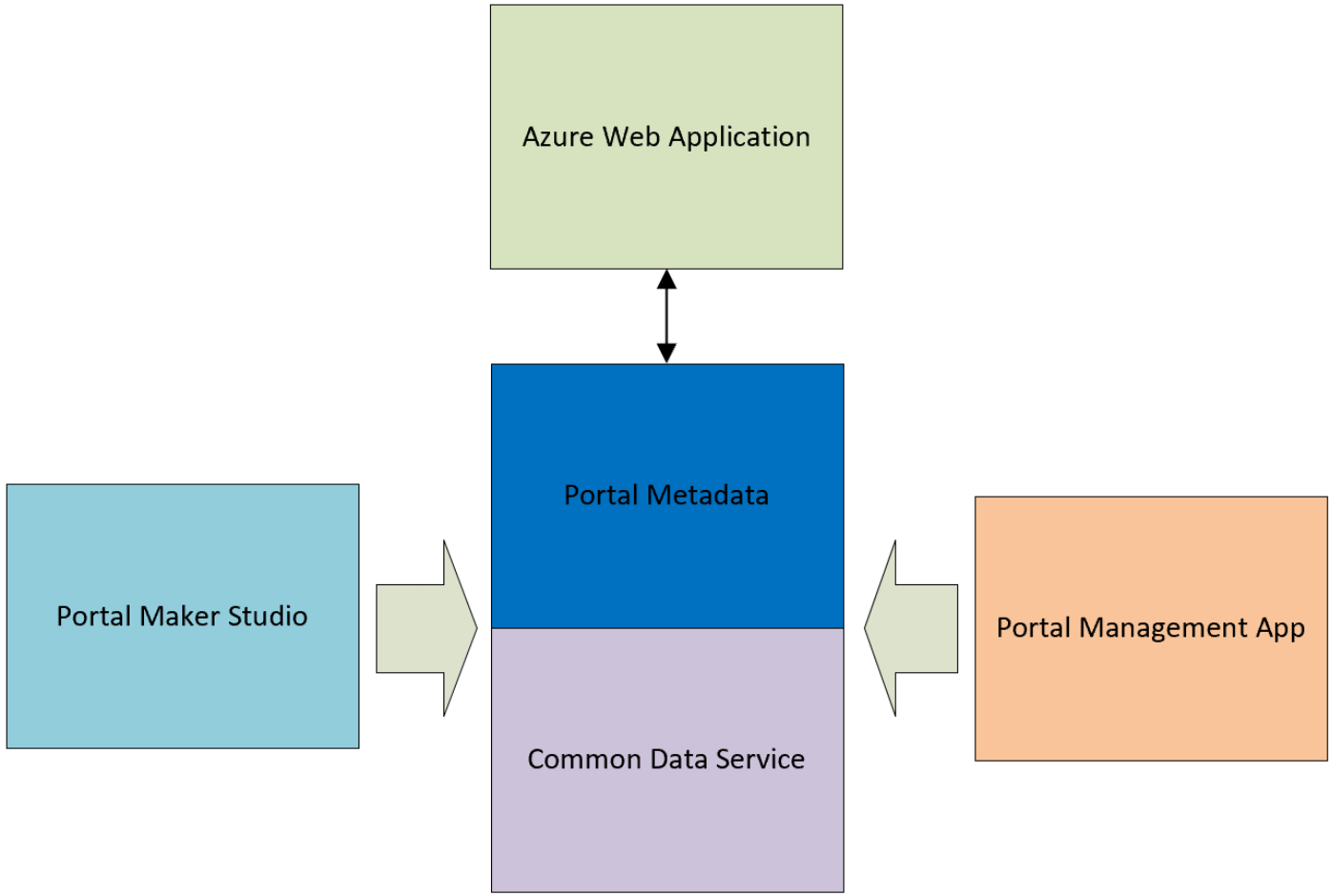
- Portal Theory

Intro to PowerApps Portals

- Portal components



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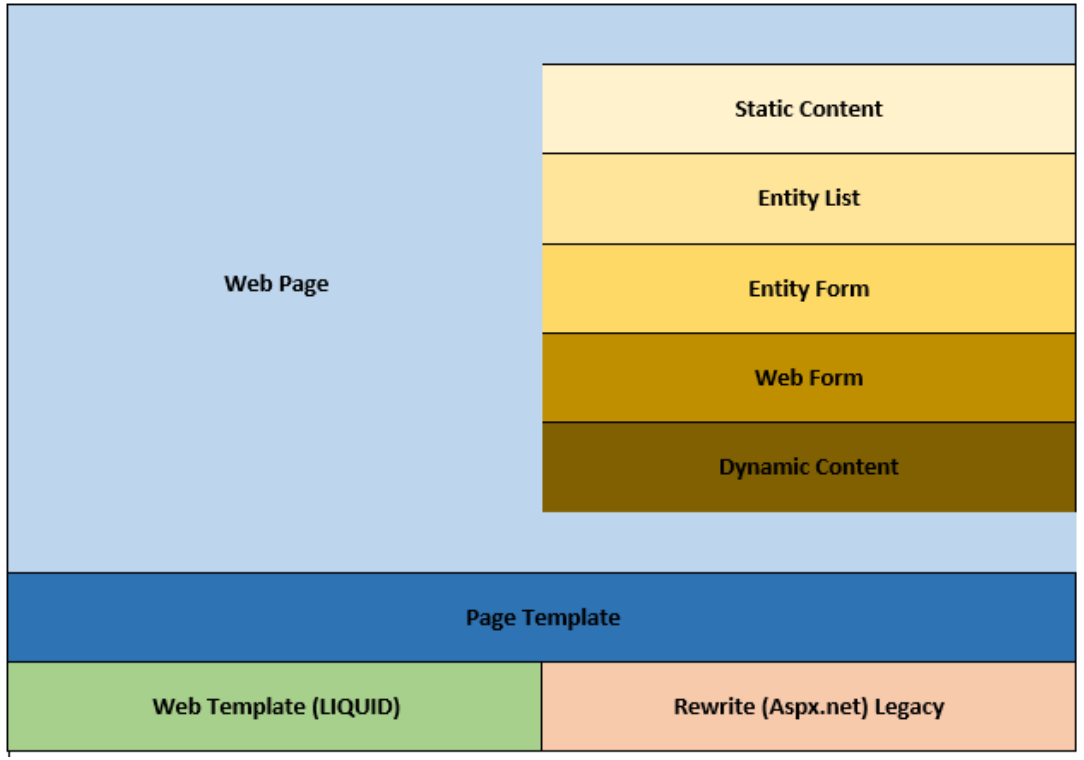
- Portal structure
- Portal metadata stored in CDS
- Different Portal Components for rendering



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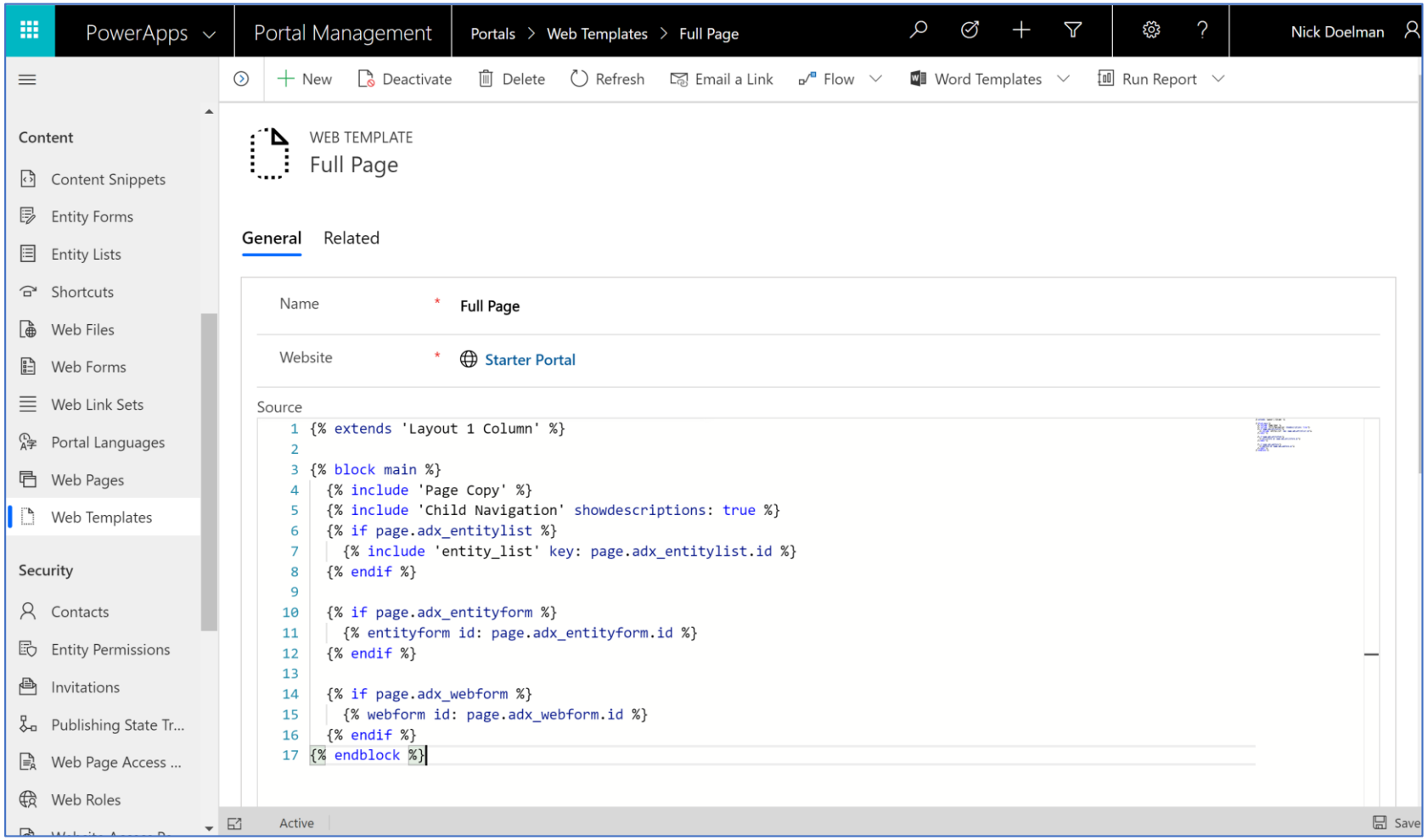
- Preconfigured templates
- Uses Liquid Markup
- Good place to store JavaScript



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```
{% extends 'Layout 1 Column' %}

{% block main %}
  {% include 'Page Copy' %}
  {% include 'Child Navigation' showdescriptions: true %}
  {% if page.adx_entitylist %}
    {% include 'entity_list' key: page.adx_entitylist.id %}
  {% endif %}

  {% if page.adx_entityform %}
    {% entityform id: page.adx_entityform.id %}
  {% endif %}

  {% if page.adx_webform %}
    {% webform id: page.adx_webform.id %}
  {% endif %}
{% endblock %}
```

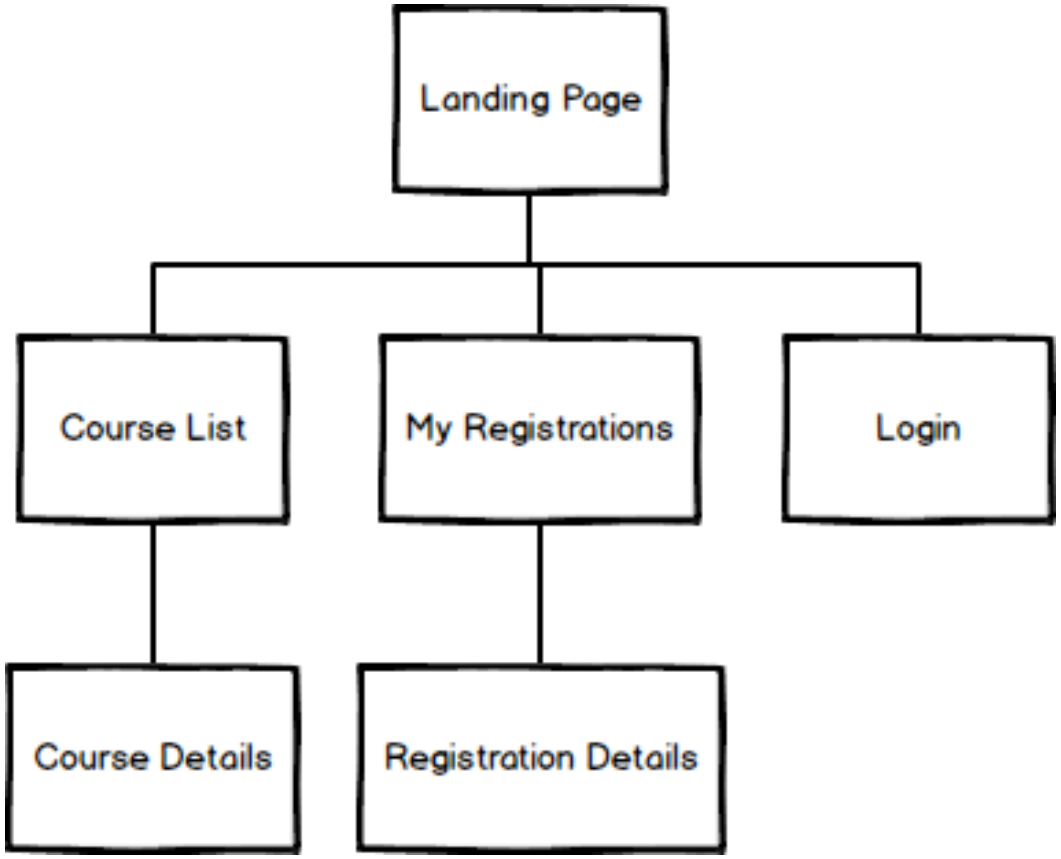
Intro to PowerApps Portals

Requirement

- We have a class management model driven app
- We want folks to see class information on a portal
- We want instructors to see all classes they are teaching

Intro to PowerApps Portals

- Design Portal
- Site Map a good place to start
- Consider “Minimal Viable Product”



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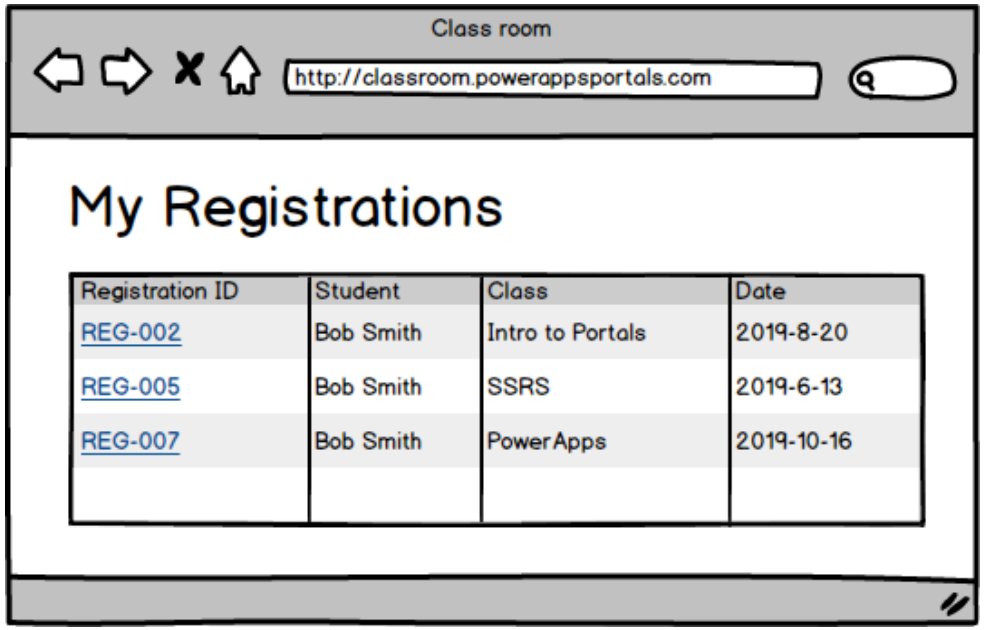
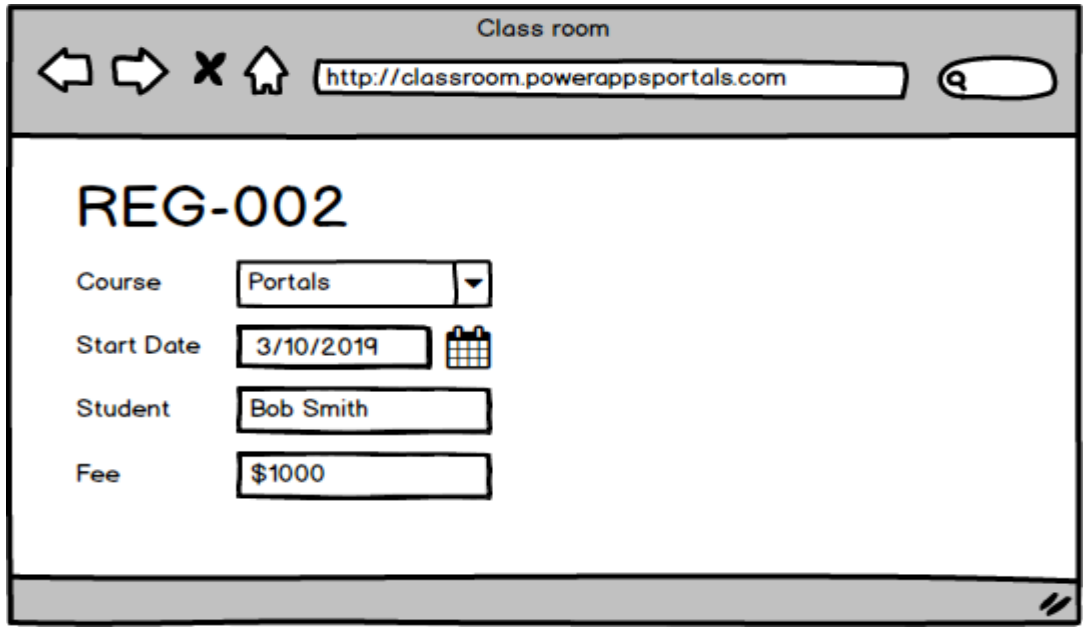
Design – Web Pages





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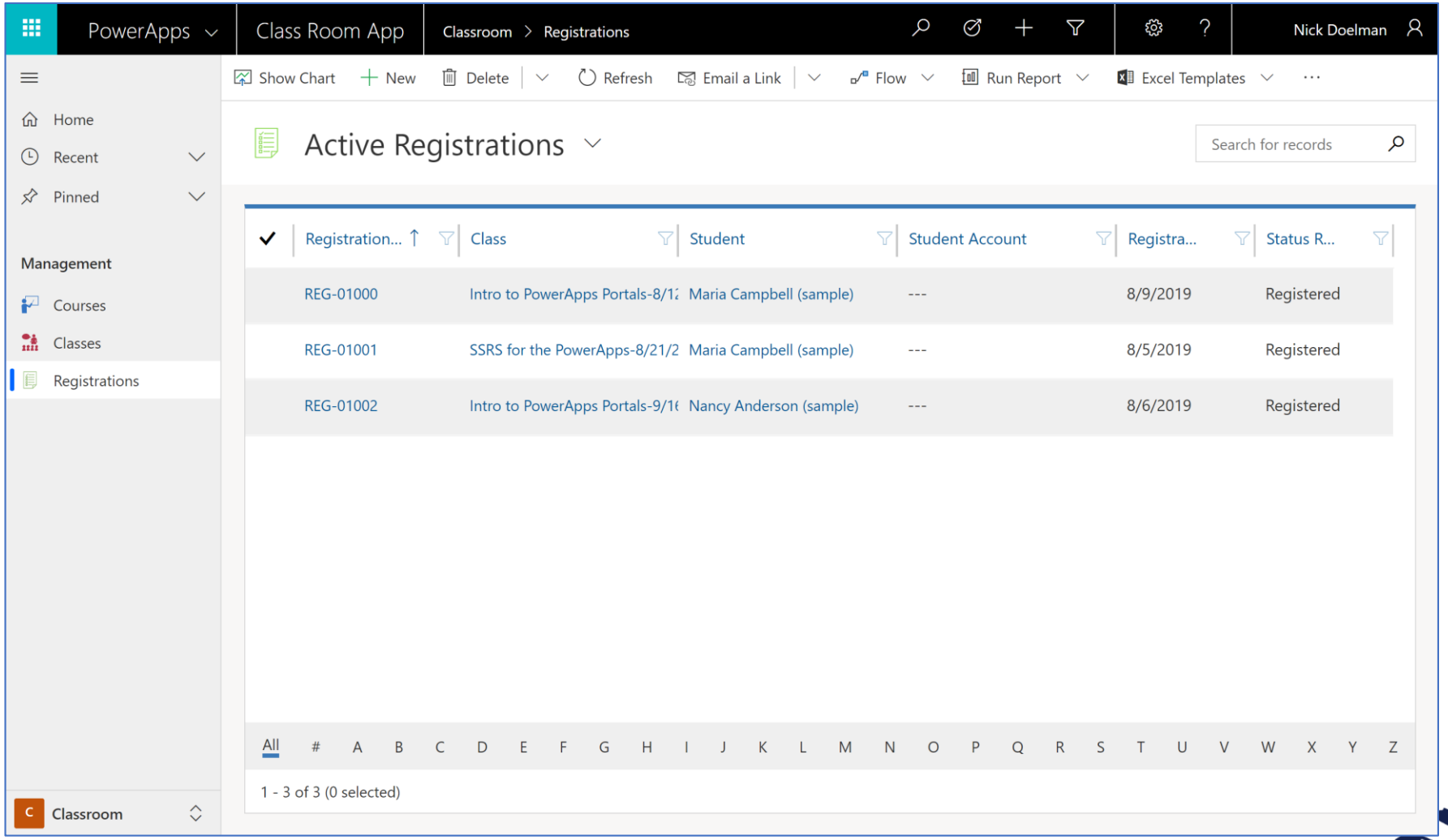
Model Driven App



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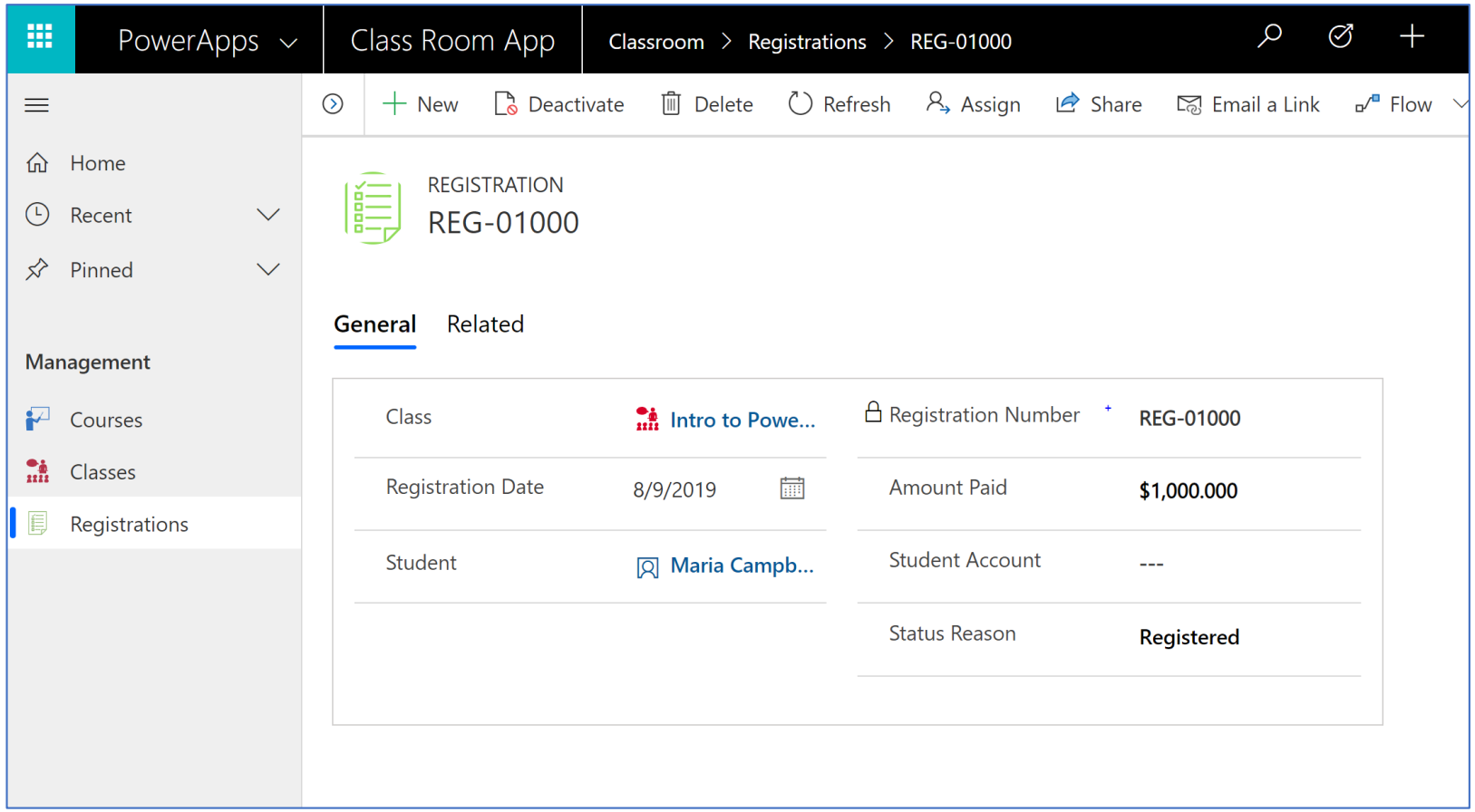
Model Driven App



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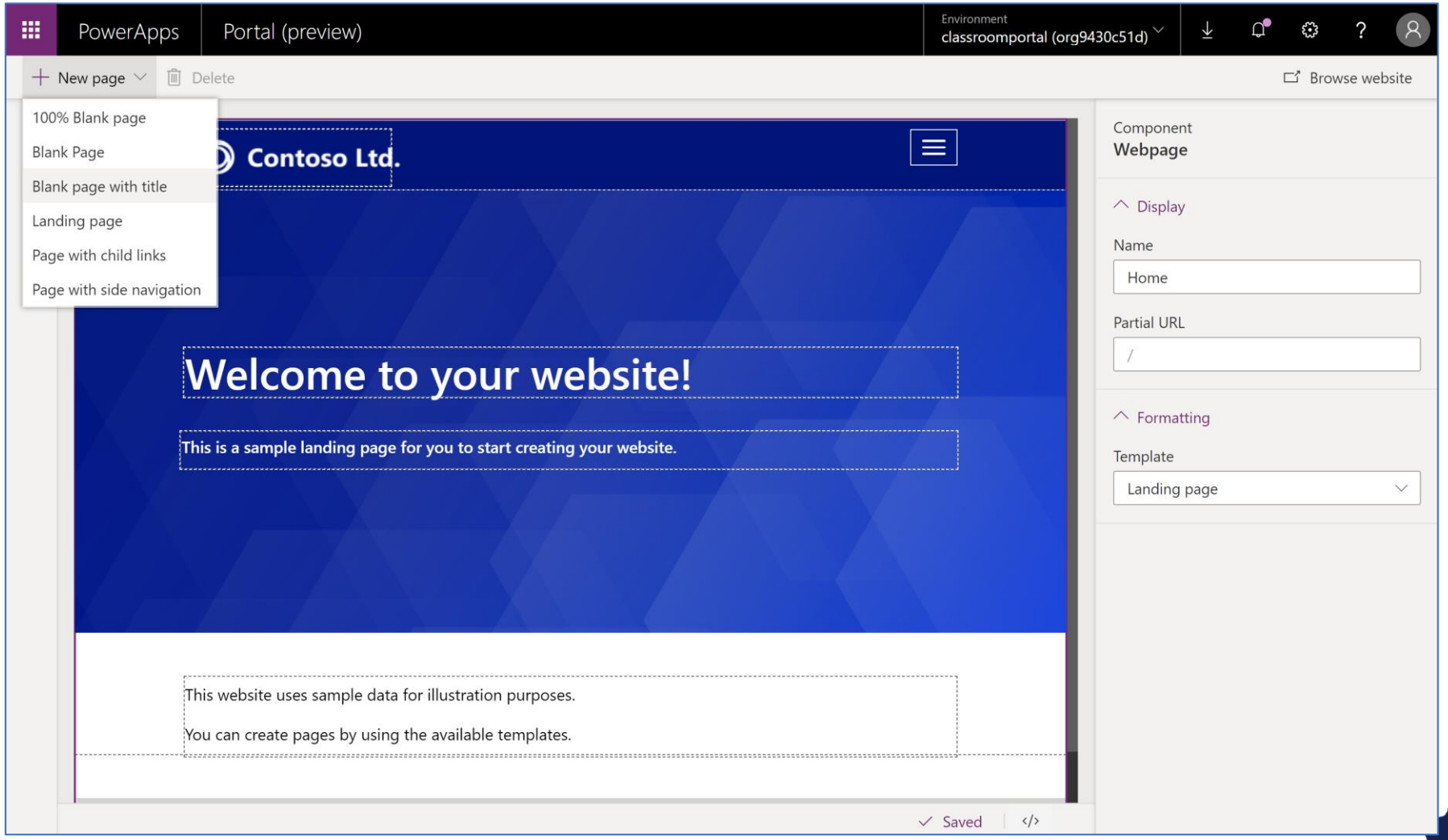
Create New Page



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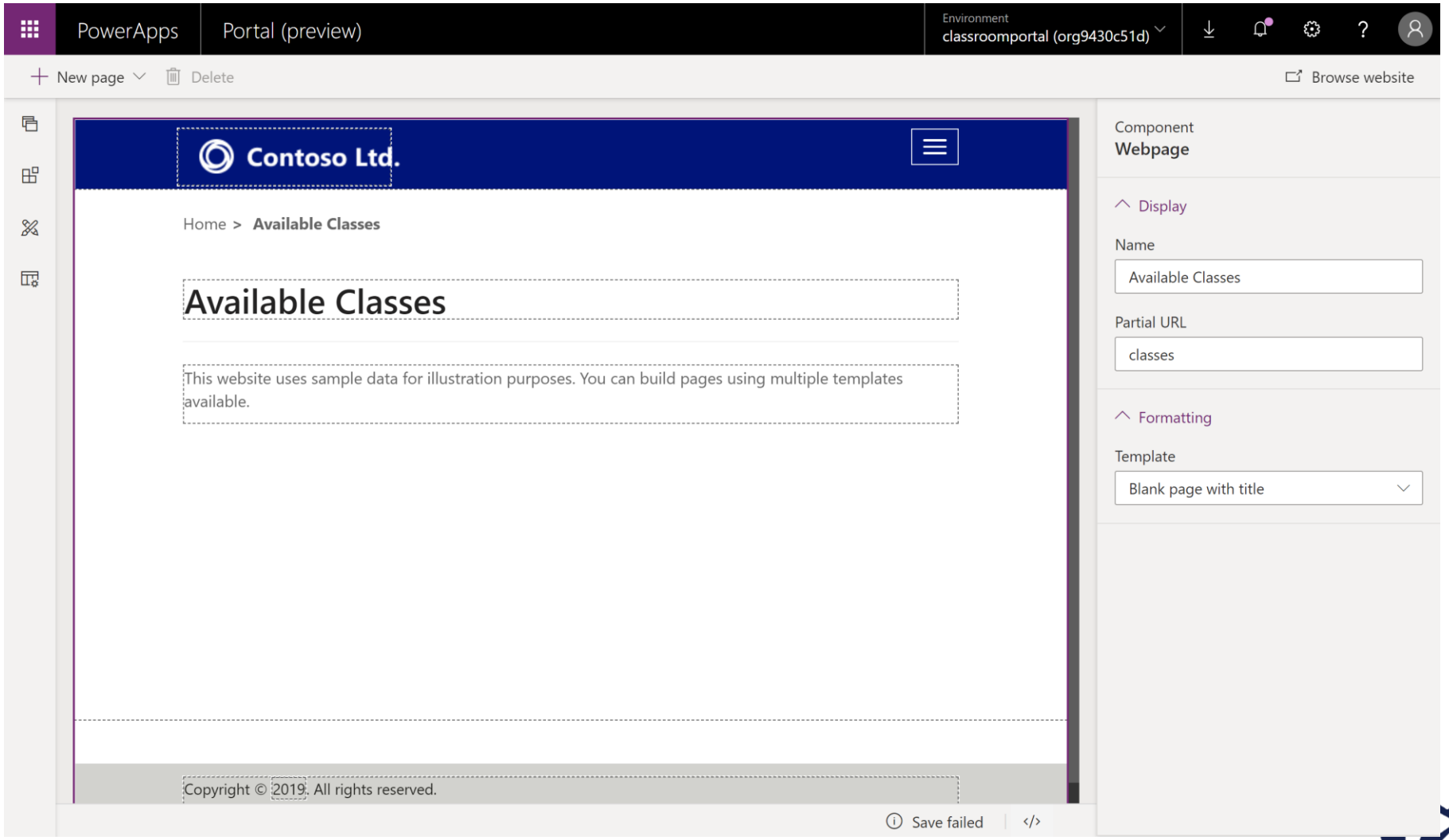
Edit Page



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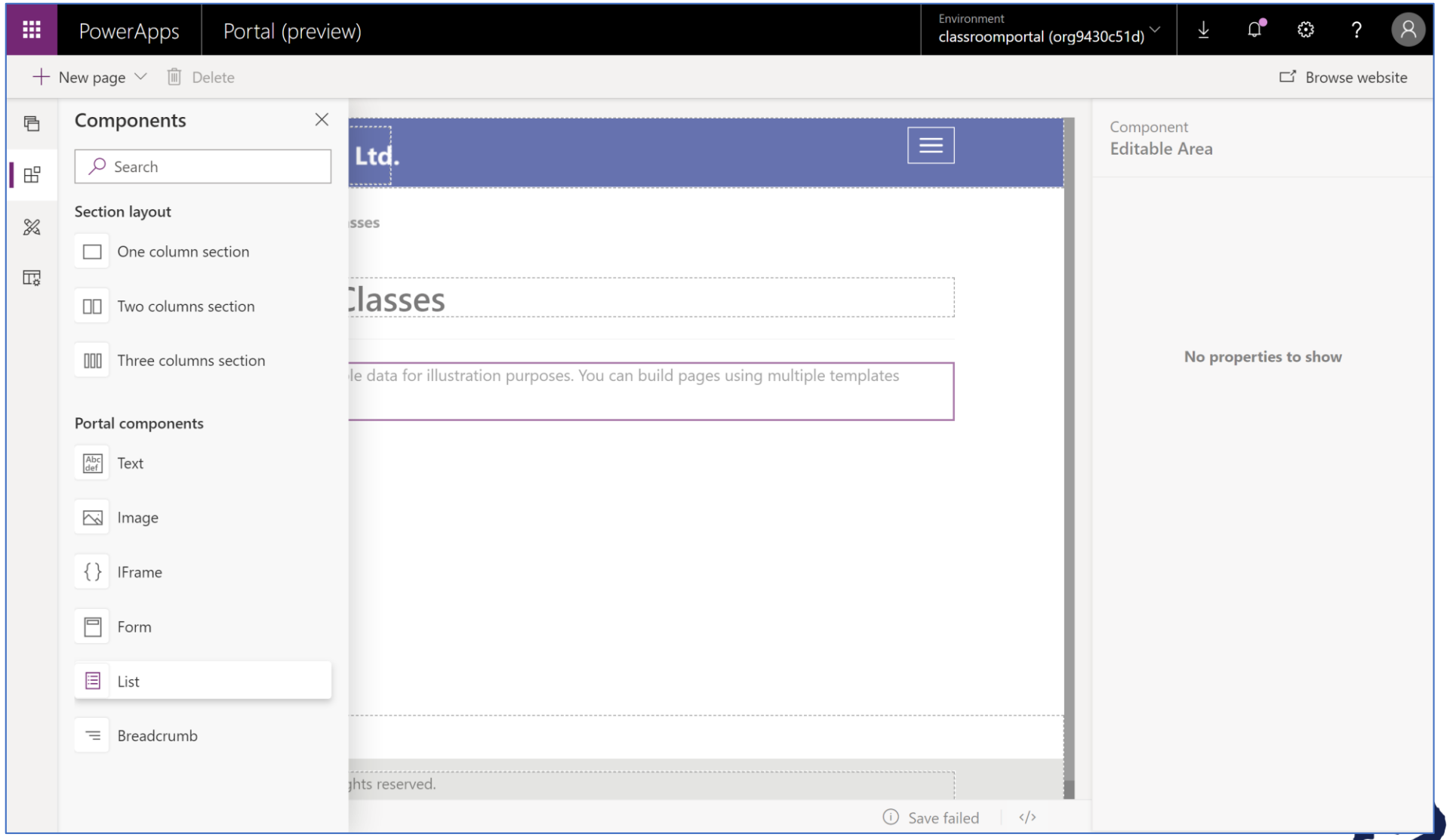
Add List



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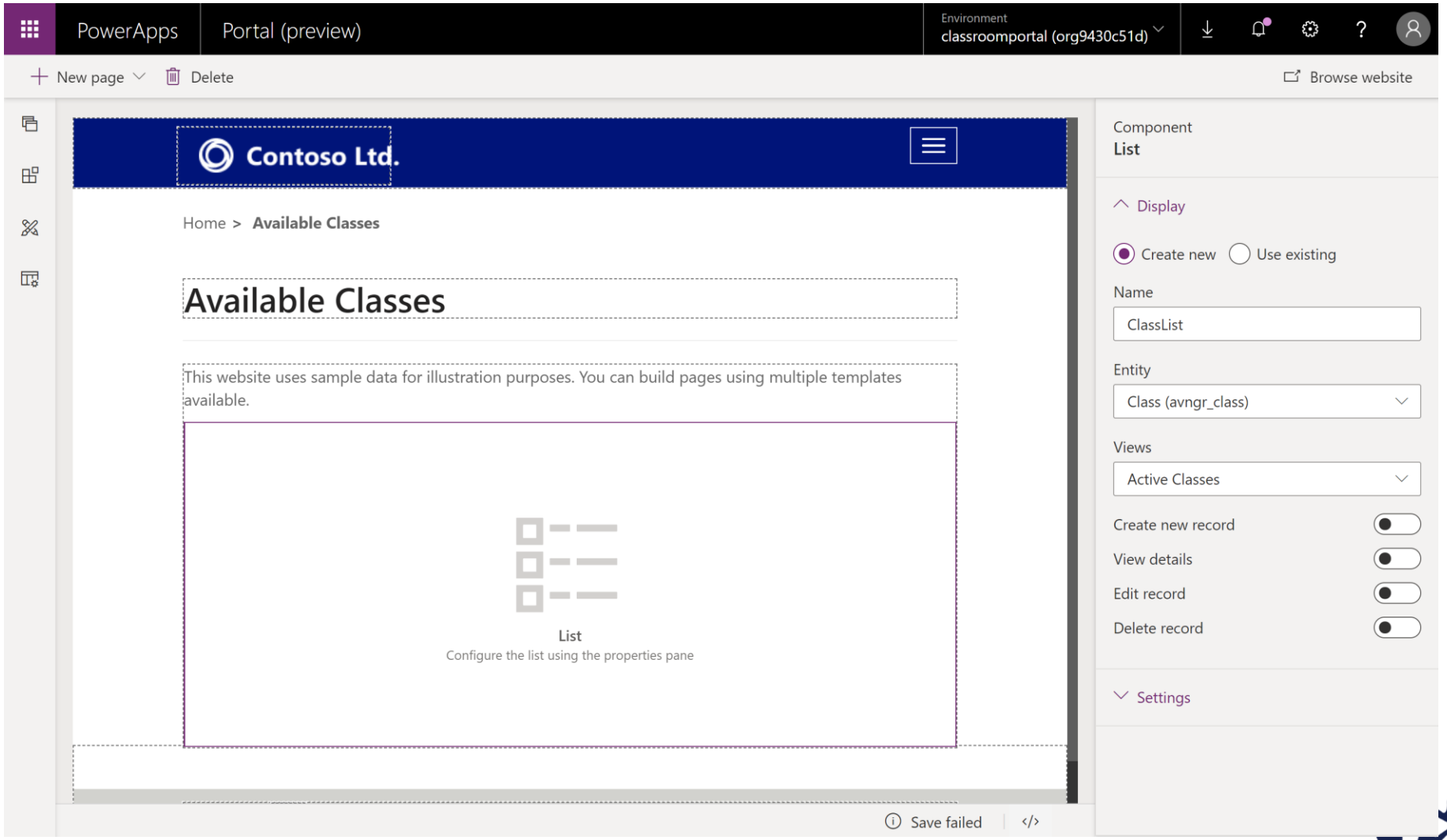
Link List to Model Driven View



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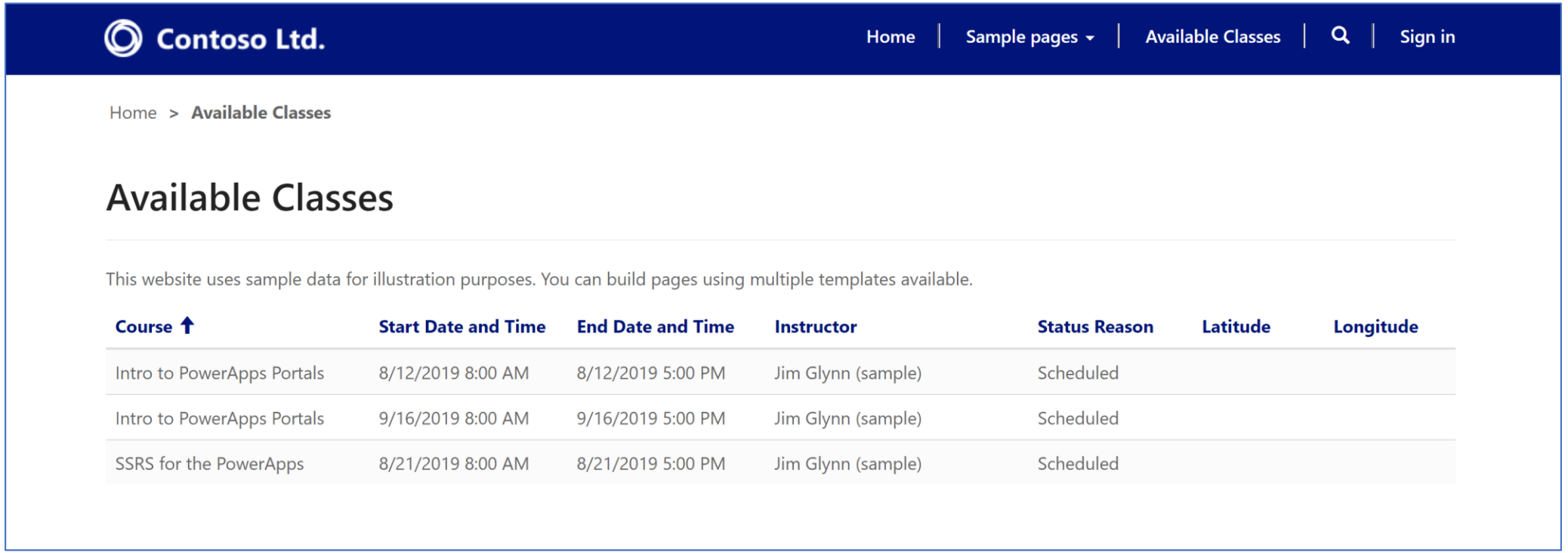
Preview Portal App



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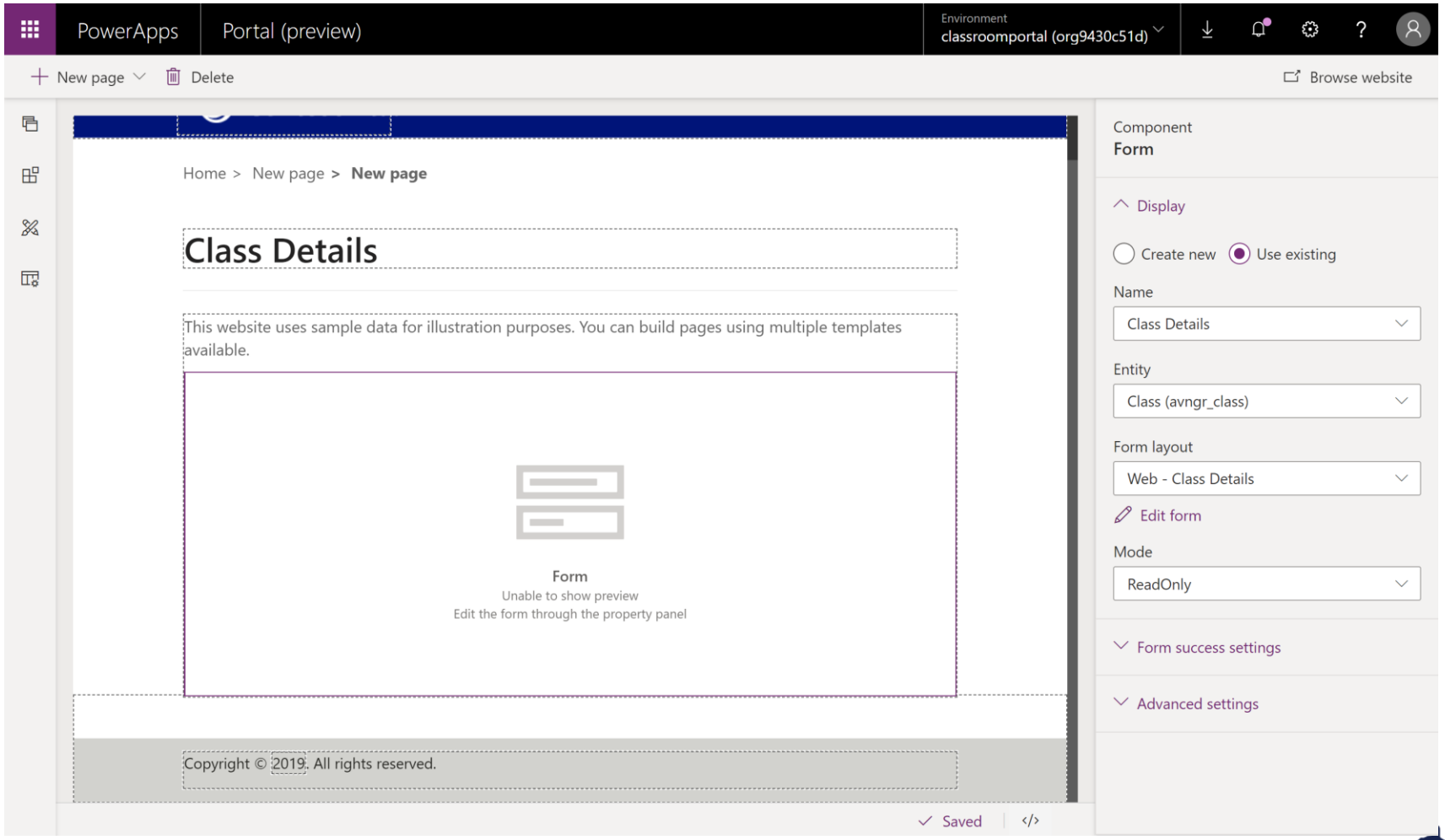
Add Detail Form



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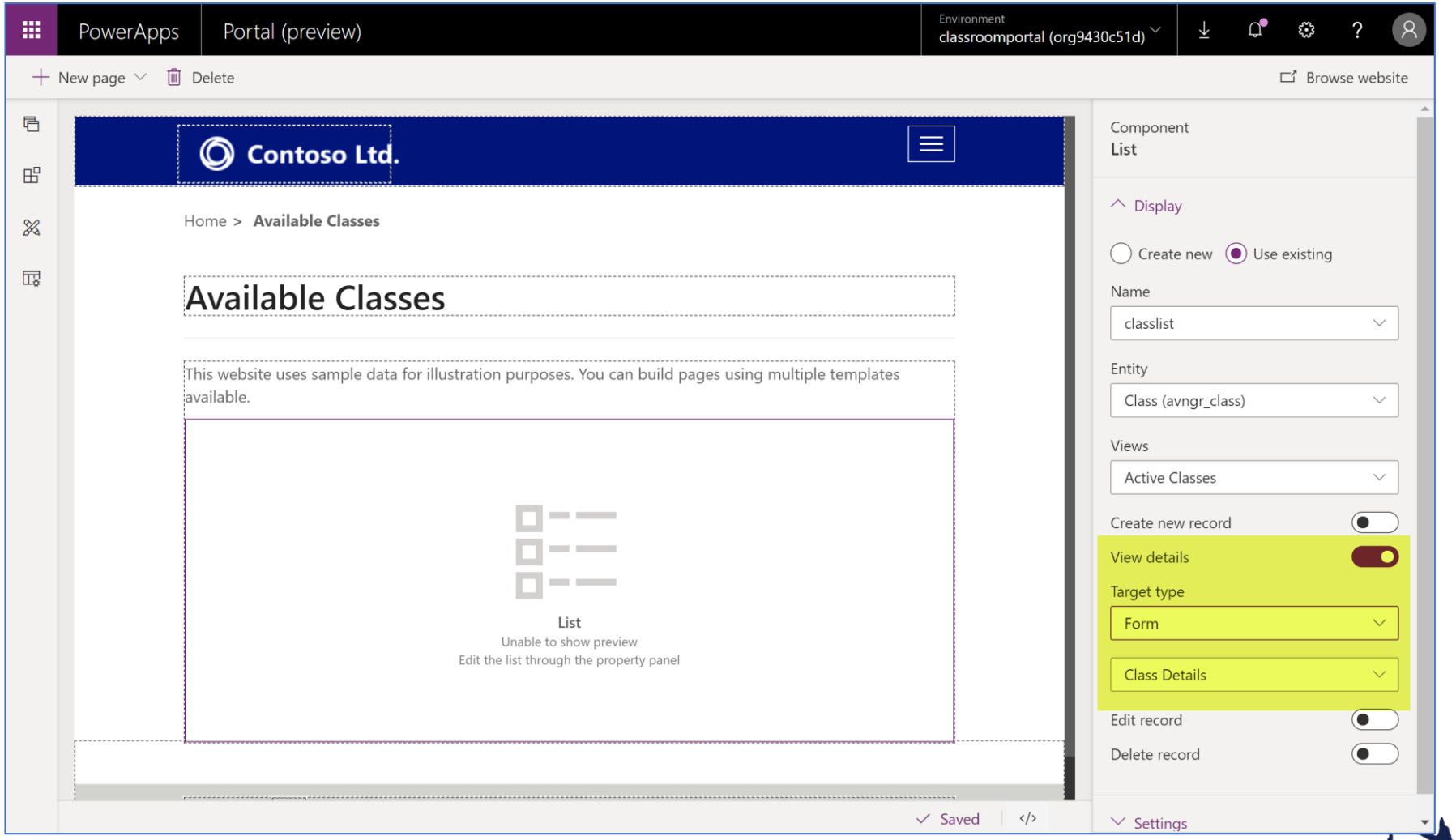
Edit List Control to navigate to form



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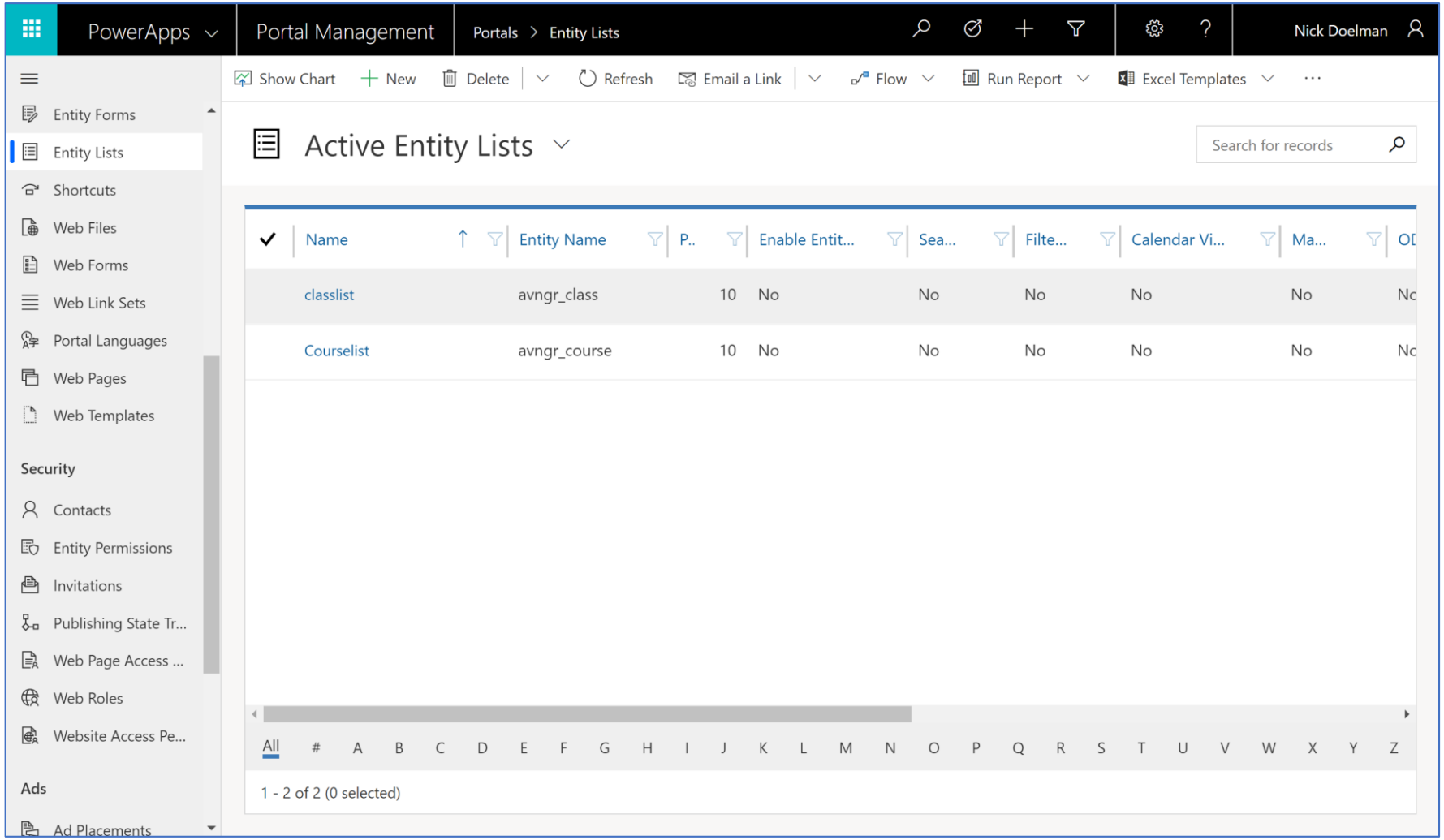
Portal Management App



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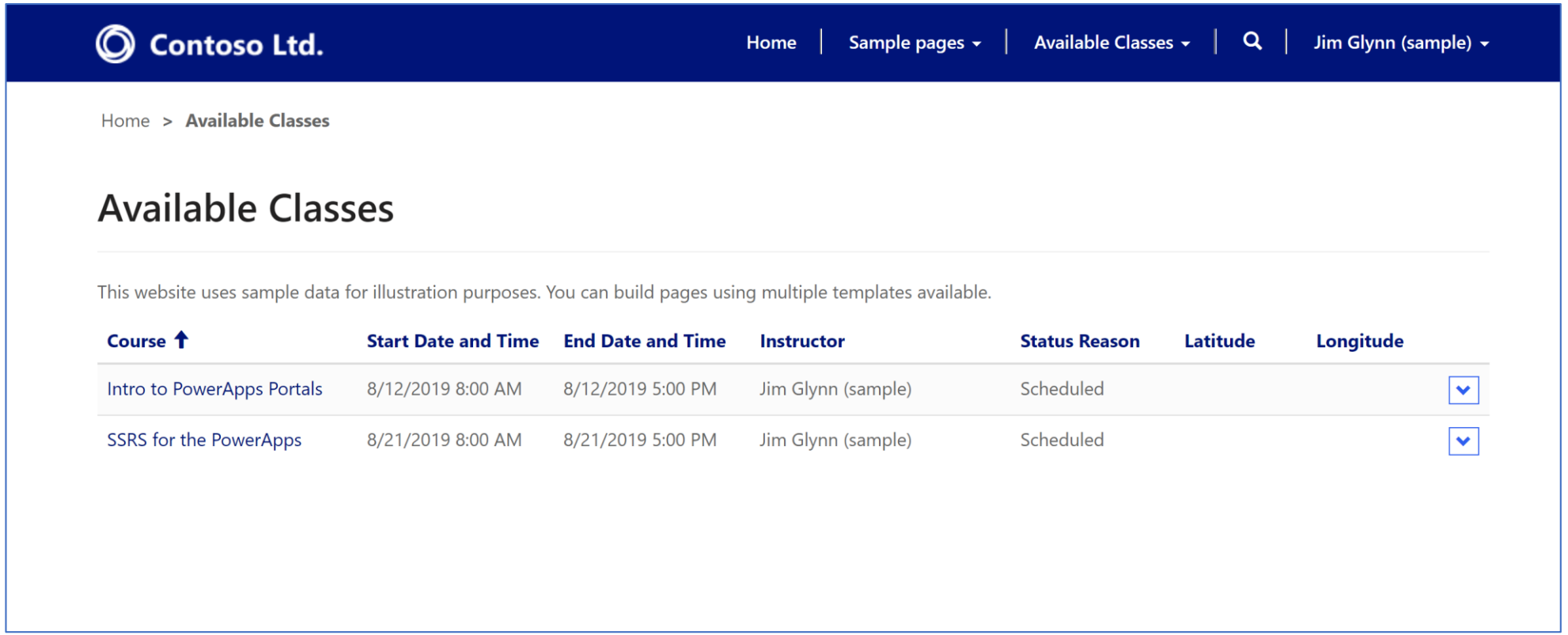
Allow users to login



PowerApps Portals

Licensing of PowerApps Portals :

User Type	Licensing	SKU Name	Unit Capacity	Price/ month	Comments
External user – Authenticated	Per log in	PowerApps Portals login capacity add-on	100 log ins	$200	A log in provides an external authenticated user access to a single PowerApps portal for up to 24 hours
External user – Unauthenticated	Per page view	PowerApps Portals page view capacity add-on	100K page views	$100	
Internal user	Via USL	• Various Dynamics 365 SKUs • PowerApps per app plan • PowerApps per user plan	NA	NA	Custom portal use rights are aligned with custom app use rights

- Customers can provision a PowerApps portal instance
- No need to purchase separate[1] license

[1]$500 per month per Dynamics 365 Additional Portal instance as of July 2019

Crash Course in Dynamics 365 Portals

Next Steps – “Homework”

Provide feedback!

- Create Portal Content (Wizard)
- Create custom web templates
- View on Mobile (responsive design)
- Change CSS Themes/Logos/etc.
- Explore Entity Permissions for tighter security
- Learn Azure B2C for Authentication
- Custom Scripting and integration to Azure (Payment Button)
- Subscribe to crm.audio “Refresh the Cache” podcast

Crash Course in Dynamics 365 Portals

Learning Resources

- MS Learn

  https://docs.microsoft.com/en-us/learn/paths/extend-dynamics-365-portals/

  https://docs.microsoft.com/en-us/learn/paths/work-with-portals-in-dynamics-365/

  https://docs.microsoft.com/en-us/learn/paths/get-started-dynamics-365-portals/

- Portals Masterclass
- Online Learning (working on it!)

Thank you

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