MIDWARE data systems

An ITG company

Procurement app

Ghassan SAAD

Microsoft Power Platform

- Is a system that enables users to build end to end business solutions through three key actions – Analyze, Act and Automate. It gain insights by analyzing data through Power BI, build solutions using Power Apps, and automate business processes through Power Automate. Microsoft Power Platform has the ability to leverage data from different data sources through data connectors.
- Power Apps helps you build and deploy a customized apps that work across web and mobile, embedded or standalone, on any device
- Power Automate helps you create automation workflows, from simple to advanced scenarios.
- Connectors are bridges that allow you to send information from your data source to your app or workflow and back on the web or on premises.

What is Microsoft Power Apps?

Microsoft Power Apps is one of the tools with the Microsoft Power Platform that enables you to build custom apps, to accommodate your business needs or solve your problems when you cannot find a suitable off-the-shelf solution. The apps you use can quickly connect to your stored business data, that is either located in an underlying data platform (for example Microsoft Dataverse, previously known as the Common Data Service) or within an on-premise/online data source, for example; Excel, SharePoint, Office 365, SQL Server and Dynamics 365.

Types of Power App

Power Apps has three different types which are used for development:

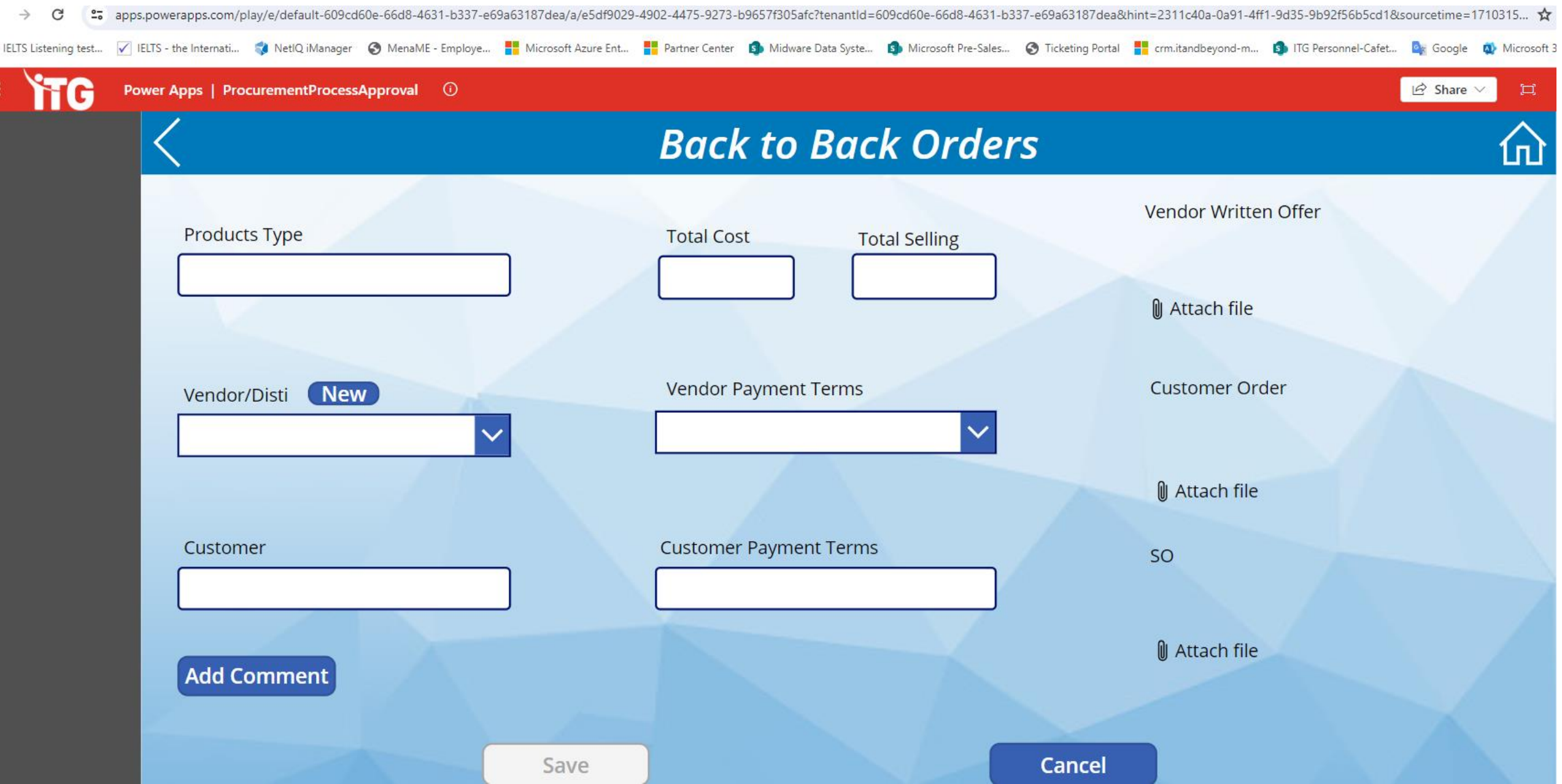
- **Canvas Apps**: Like working from a blank canvas, users start with the data source, add workflows and then finally create the design. This approach offers more flexibility than model-driven apps.
- **Model-Driven Apps**: With model-driven apps, much of the layout is controlled by the data connected and information entered into the app – what you feed in generally decides the outcome. This approach is more commonly used if the app you're designing requires complex business logic.
- **Portals**: for creating web portals (websites) that can be shared both internally and externally, allowing users to interact securely with data stored in Dataverse.

Demo

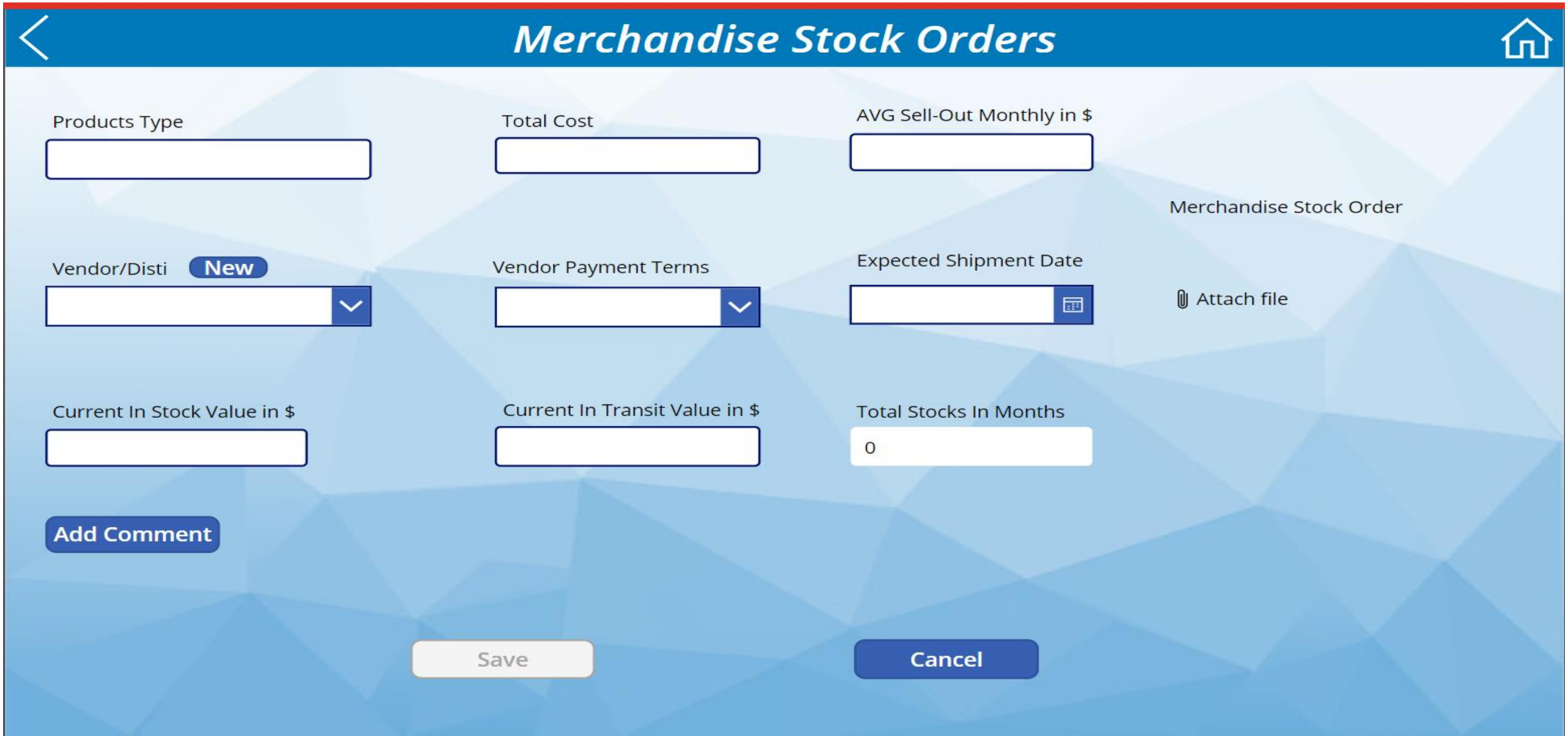
MIDWARE data systems

Link: https://apps.powerapps.com/play/e/default-609cd60e-66d8-4631-b337-e69a63187dea/a/e5df9029-4902-4475-9273-b9657f305afc?tenantId=609cd60e-66d8-4631-b337-e69a63187dea&hint=2311c40a-0a91-4ff1-9d35-9b92f56b5cd1&sourcetime=1710315182532&source=portal

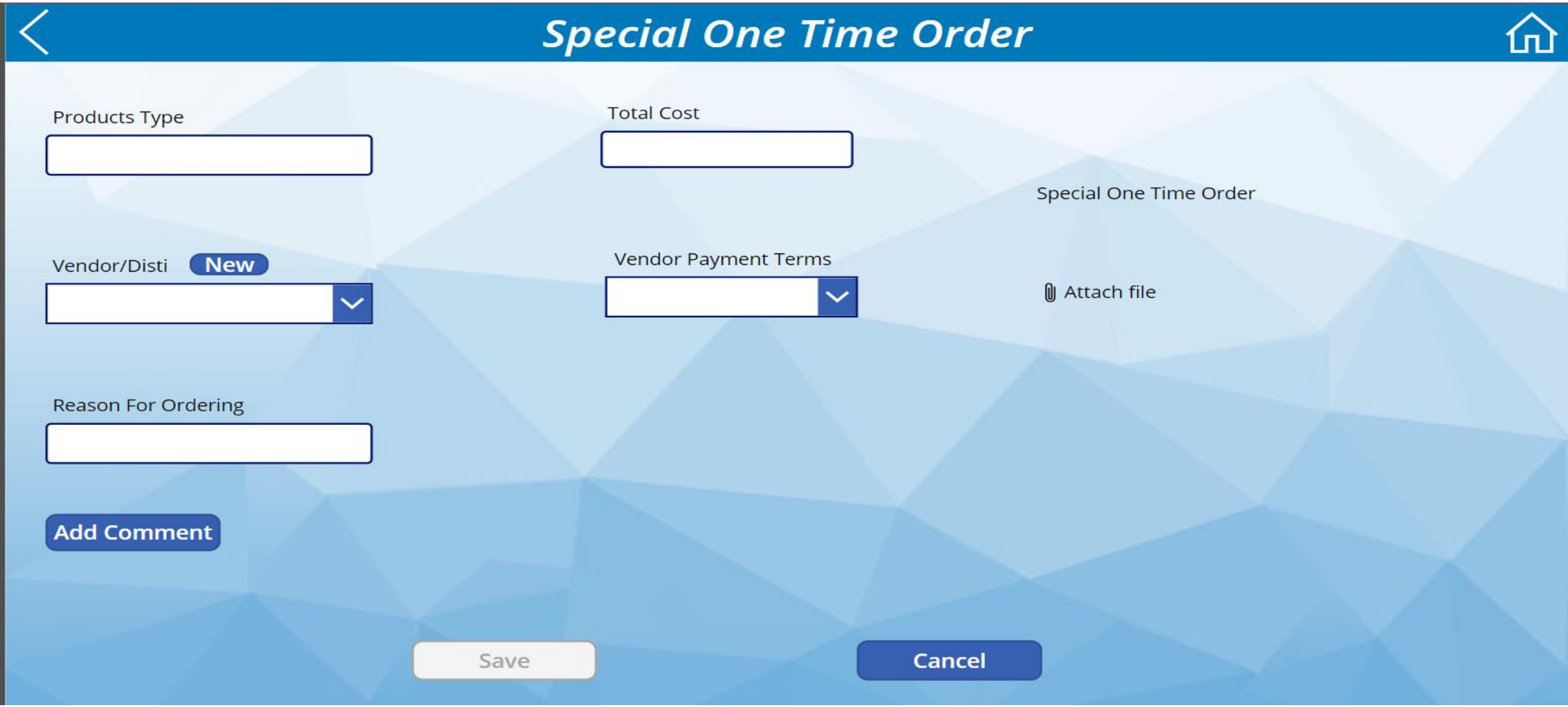
Back to back example



Merchandise Stock example



Special One Time example



Thank You

MIDWARE
data systems