A winning hand: Cards for Power Apps

Speaker - Éric Sauvé

Éric Sauvé

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- Over 20 Years Experience in IT
- Dynamics & Power Platform Solutions Architect
- Canadian Power Platform Summit co-organizer
- Family, Bear hugs, Cats, Motorcycle, BBQ Smoke

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Show of hands!

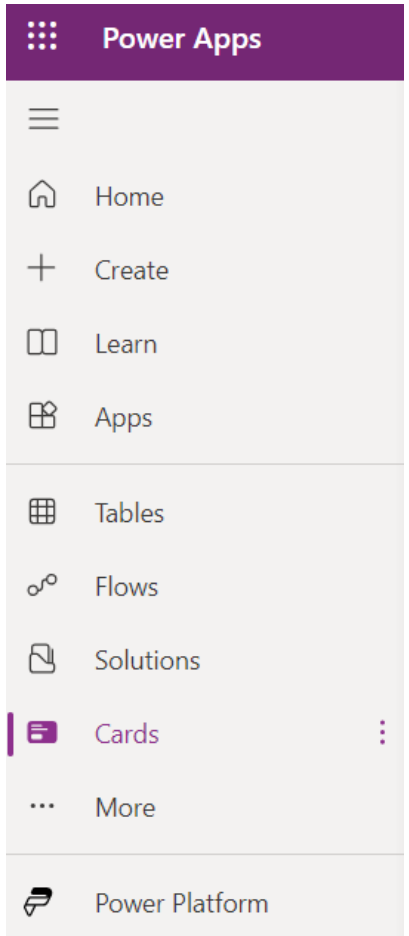
- Cards for Power Apps
- Adaptive Cards
- Canvas Apps

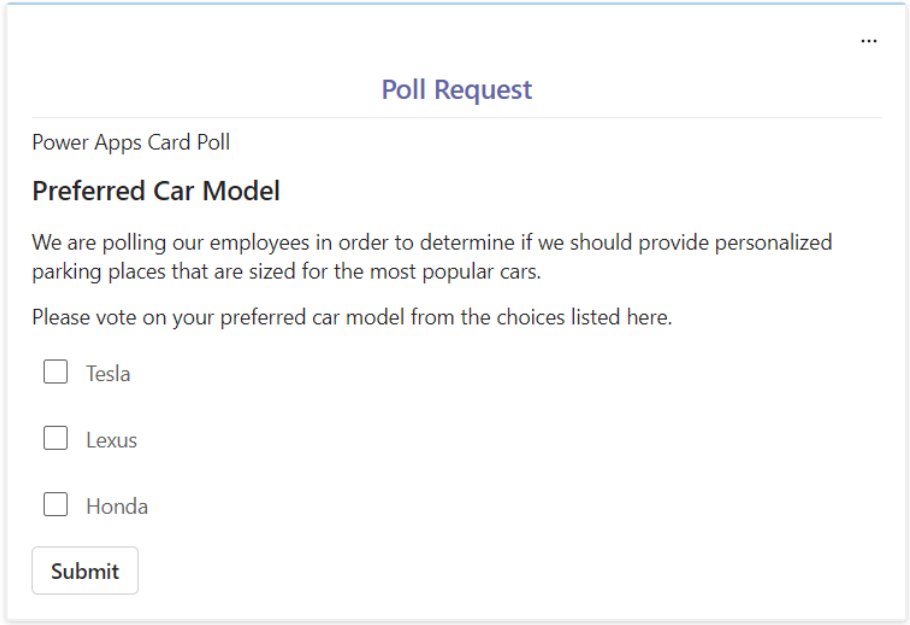
A winning hand: Cards for Power Apps

- **Cards for Power Apps**
- Sharing in Teams & Power Automate connector for Cards
- Data sources for Cards

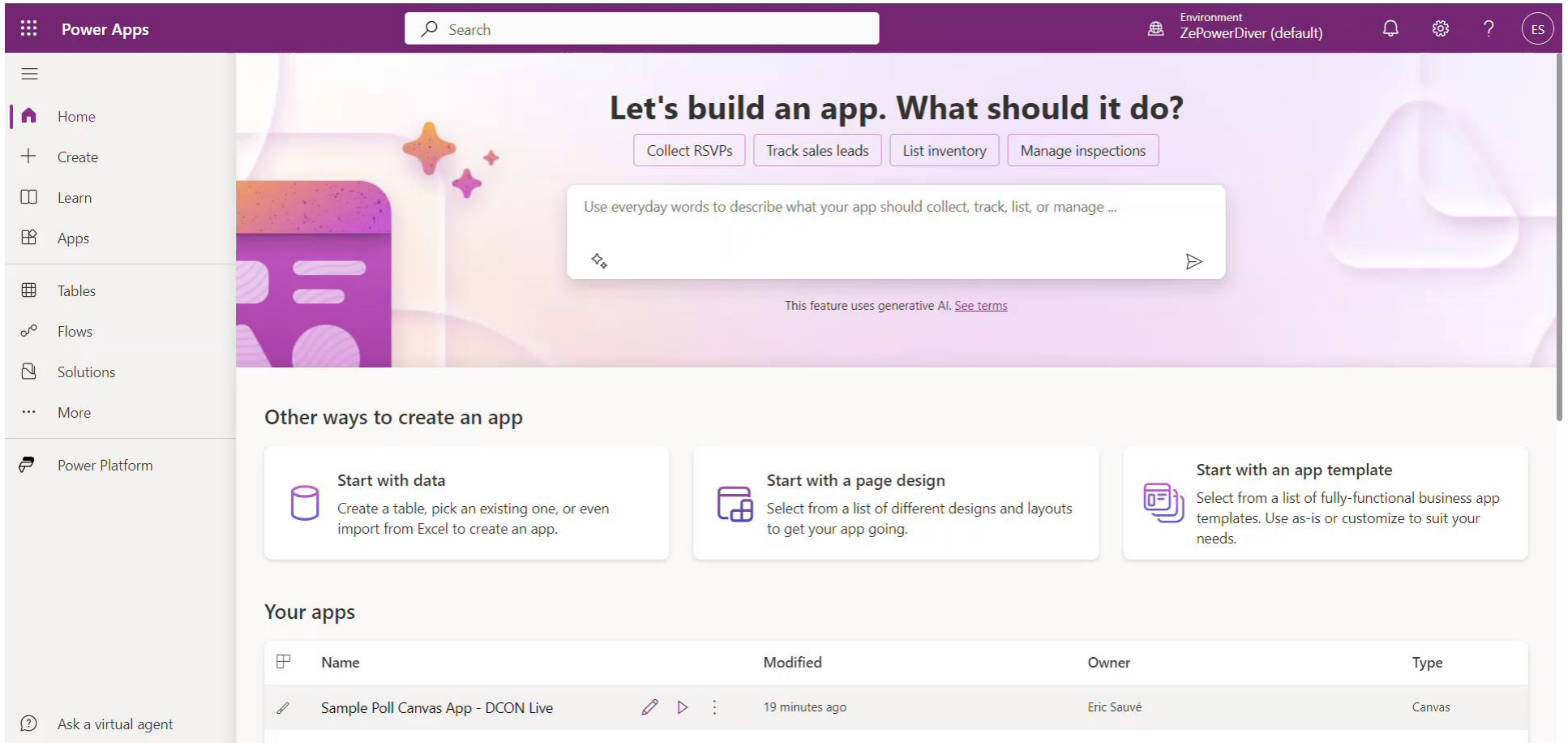
Cards for Power Apps - Introduction

- What are Cards?
  - Micro Apps
  - Lightweight UI
  - Simple Scenarios
  - Minimal user input
  - Limited number of screens
  - Shared via Teams

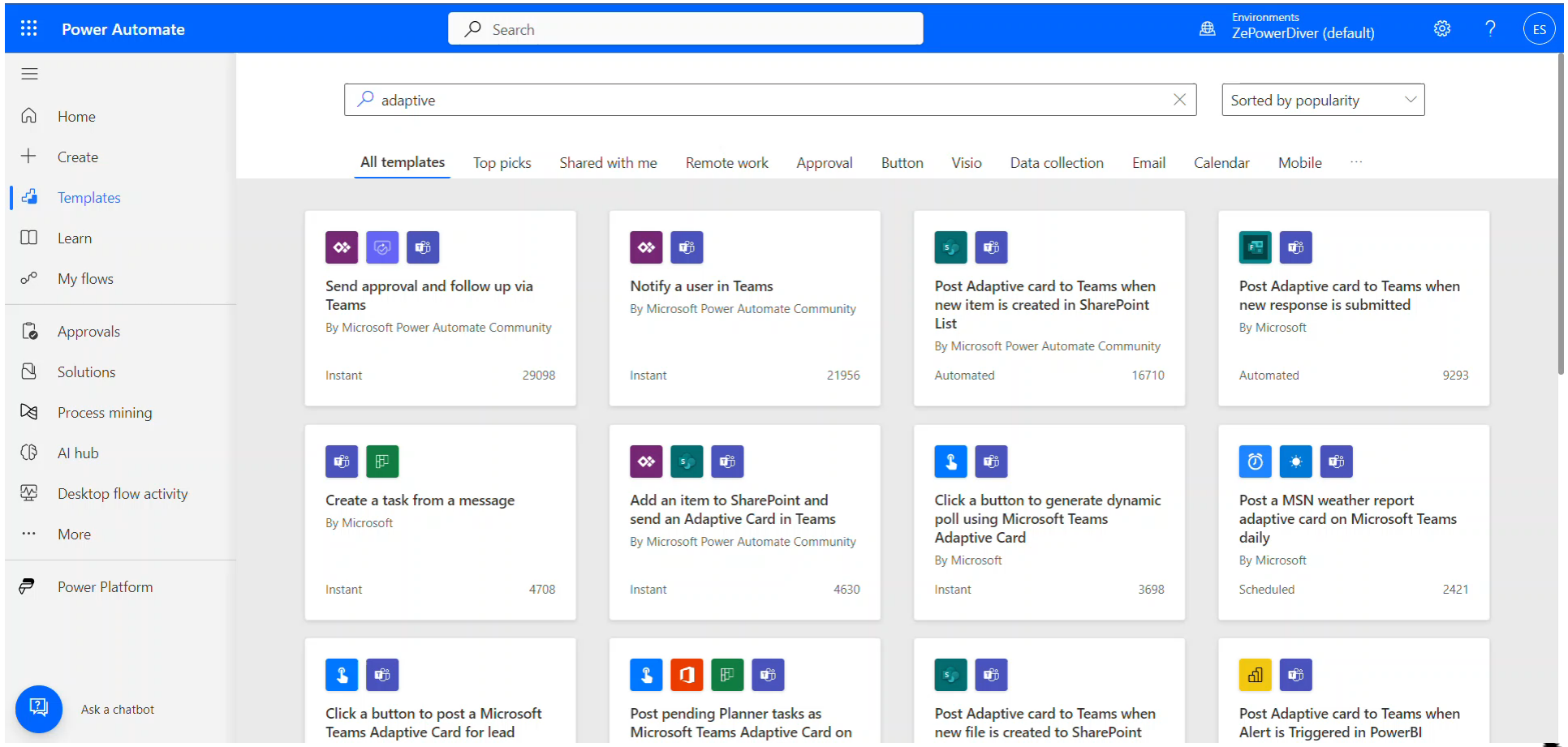




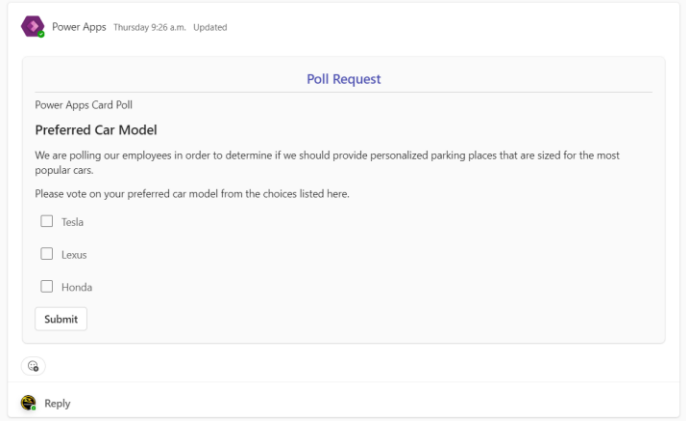
Cards for Power Apps - Introduction

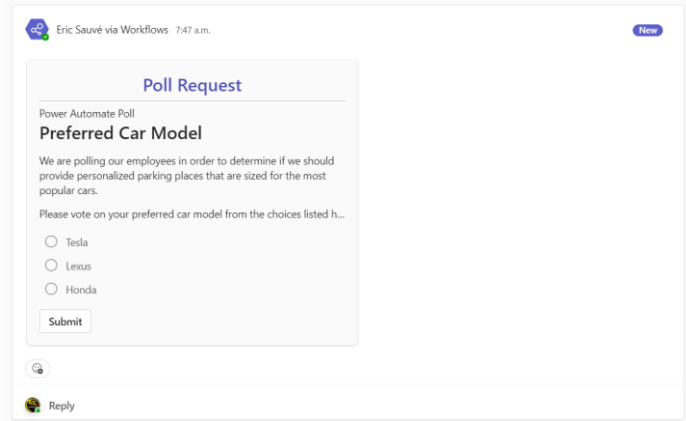


Cards for Power Apps vs. Adaptive Cards



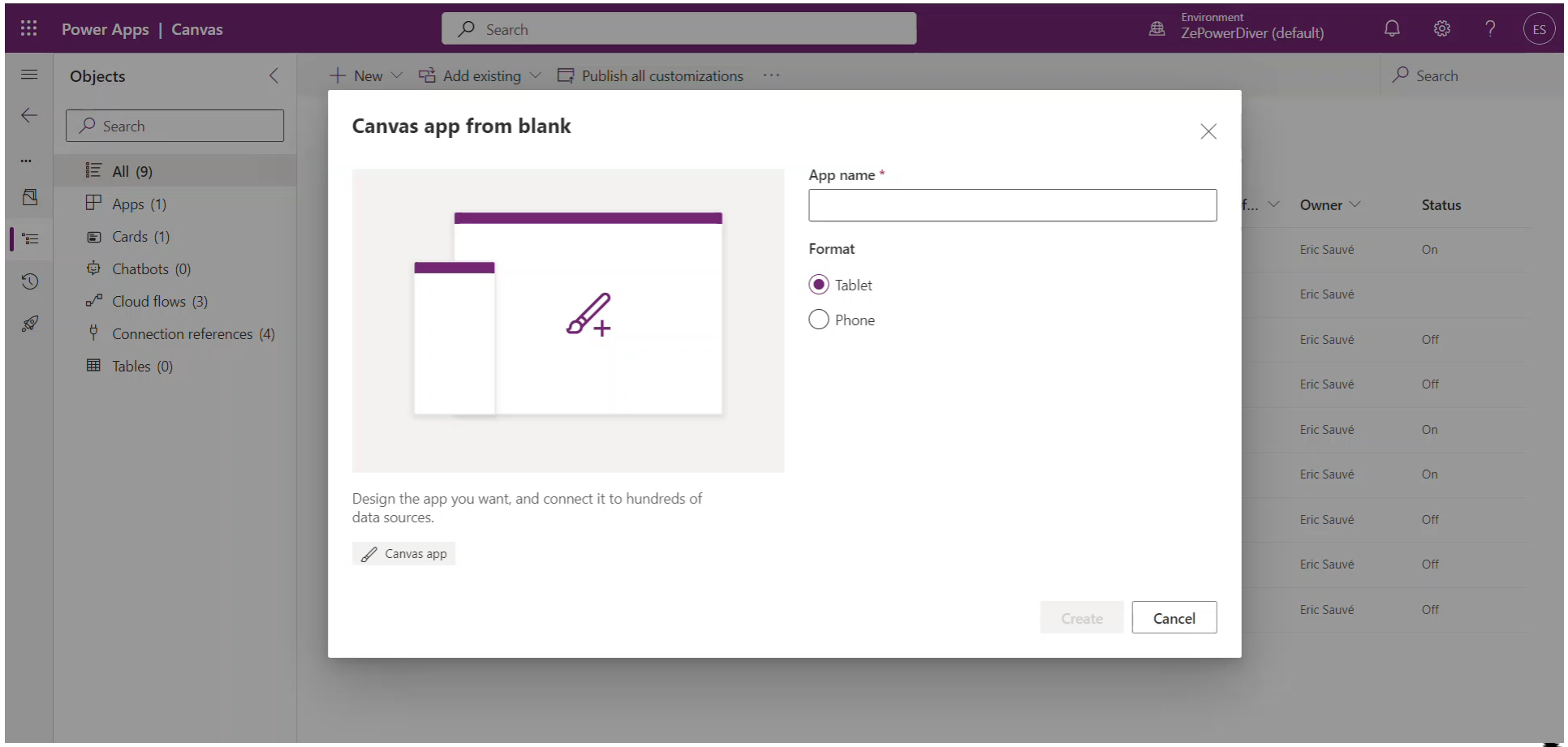
Cards for Power Apps vs. Adaptive Cards



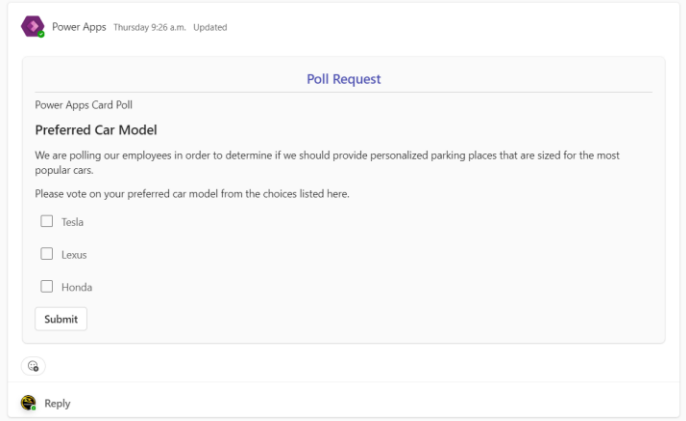


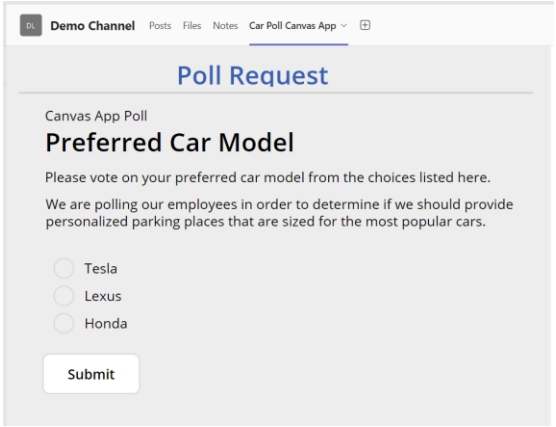
Power Apps Cards	Adaptive Cards
Lo-Code (Studio)	Pro-Code (JSON)
No output (even with “Allow value to be returned to flow or bot”)	Wait for response Output can be used in other flow actions
Available data source: Dataverse	Static (based on generated JSON)
No single option (radio buttons)	Radio buttons for single choice options
Teams or shared link	Multiple host applications

Cards for Power Apps vs. Canvas Apps



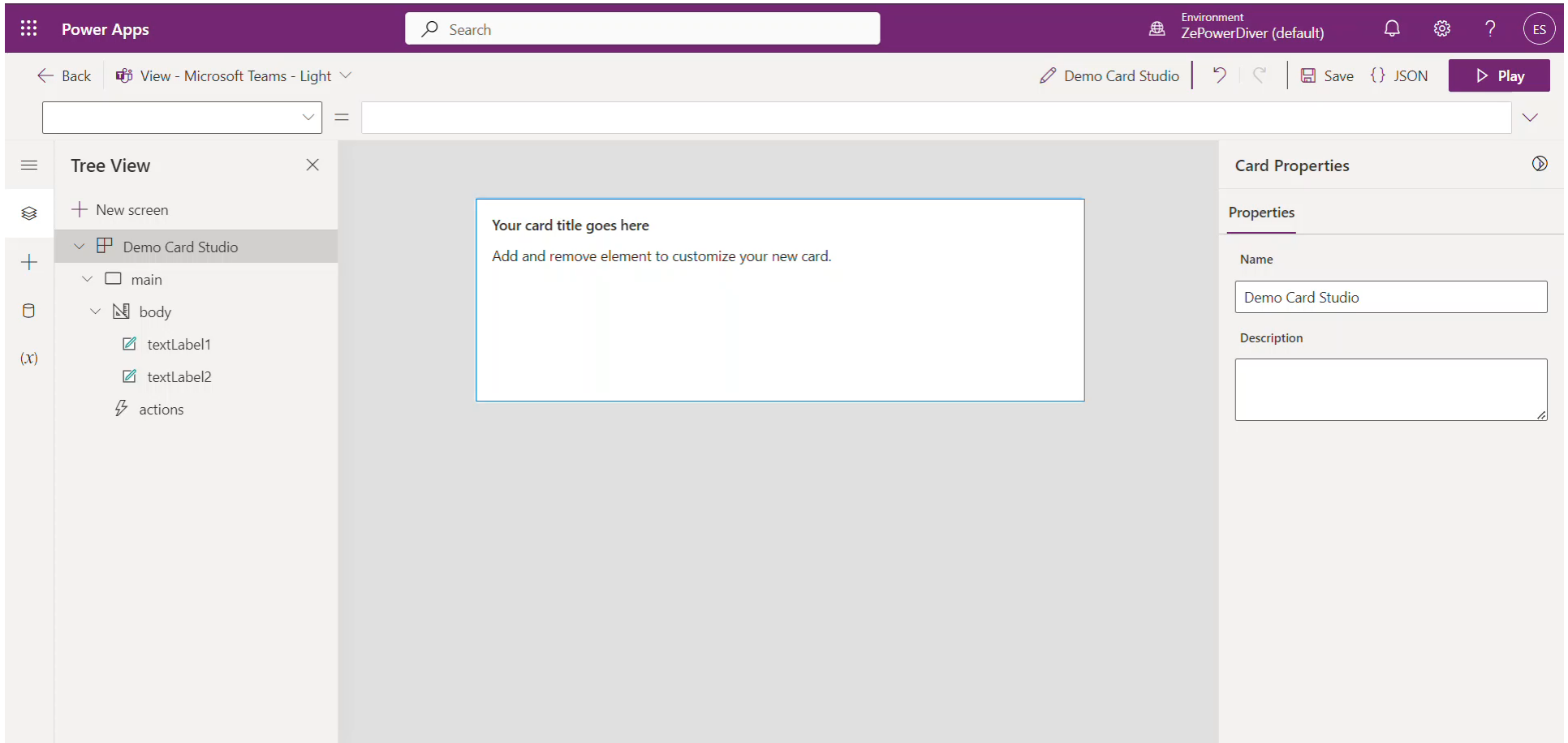
Cards for Power Apps vs. Canvas Apps



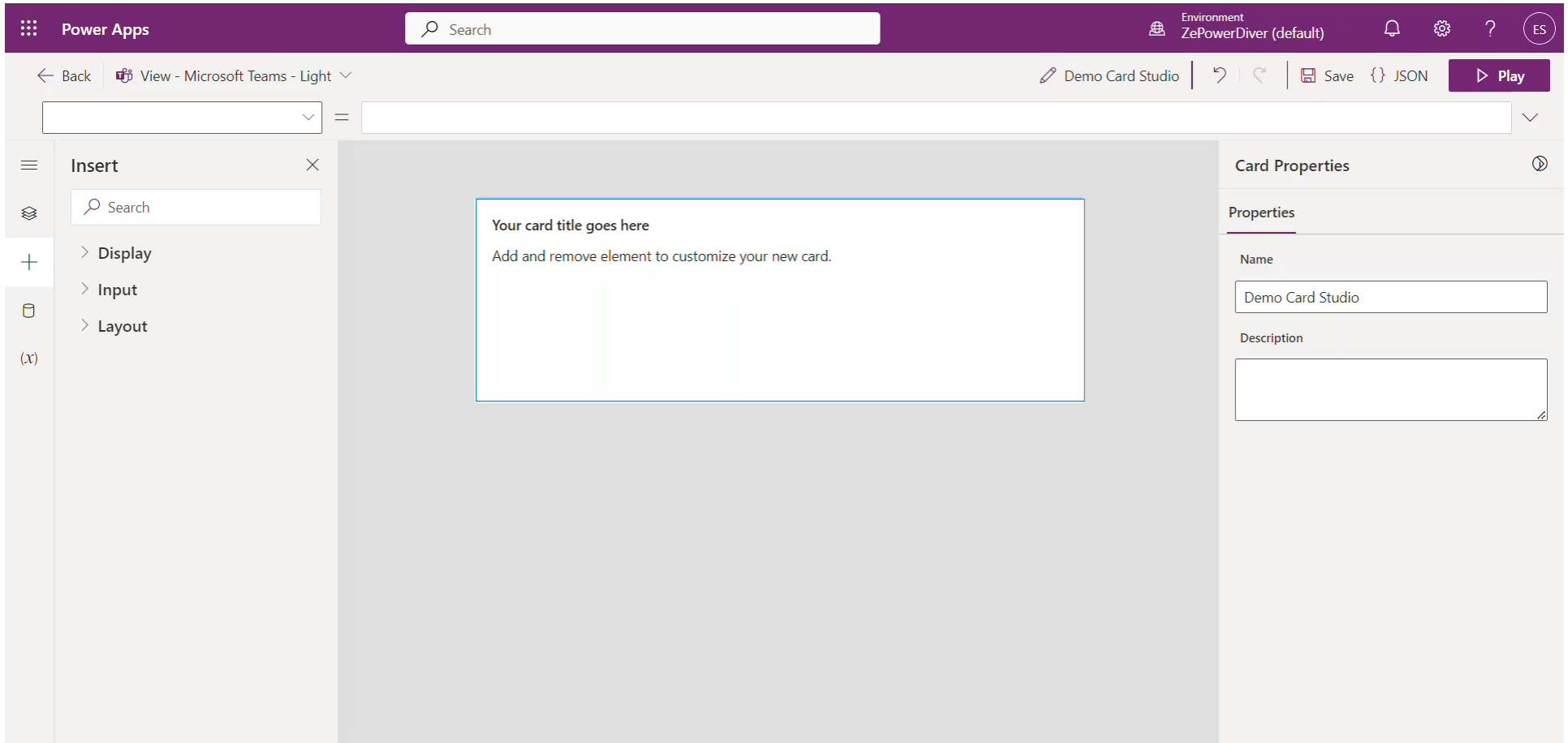


Power Apps Cards	Power Apps Canvas Apps
Lo-Code (Studio)	Lo-Code (Studio)
Limited light/dark theme rendering	Complete rendering options
Limited list of controls	Complete list of controls, including PCF components
Limited Power Fx script	Complete Power Fx script
Embedded (in-chat) Teams experience	Separate tab Teams experience
Teams/Link	Standalone app

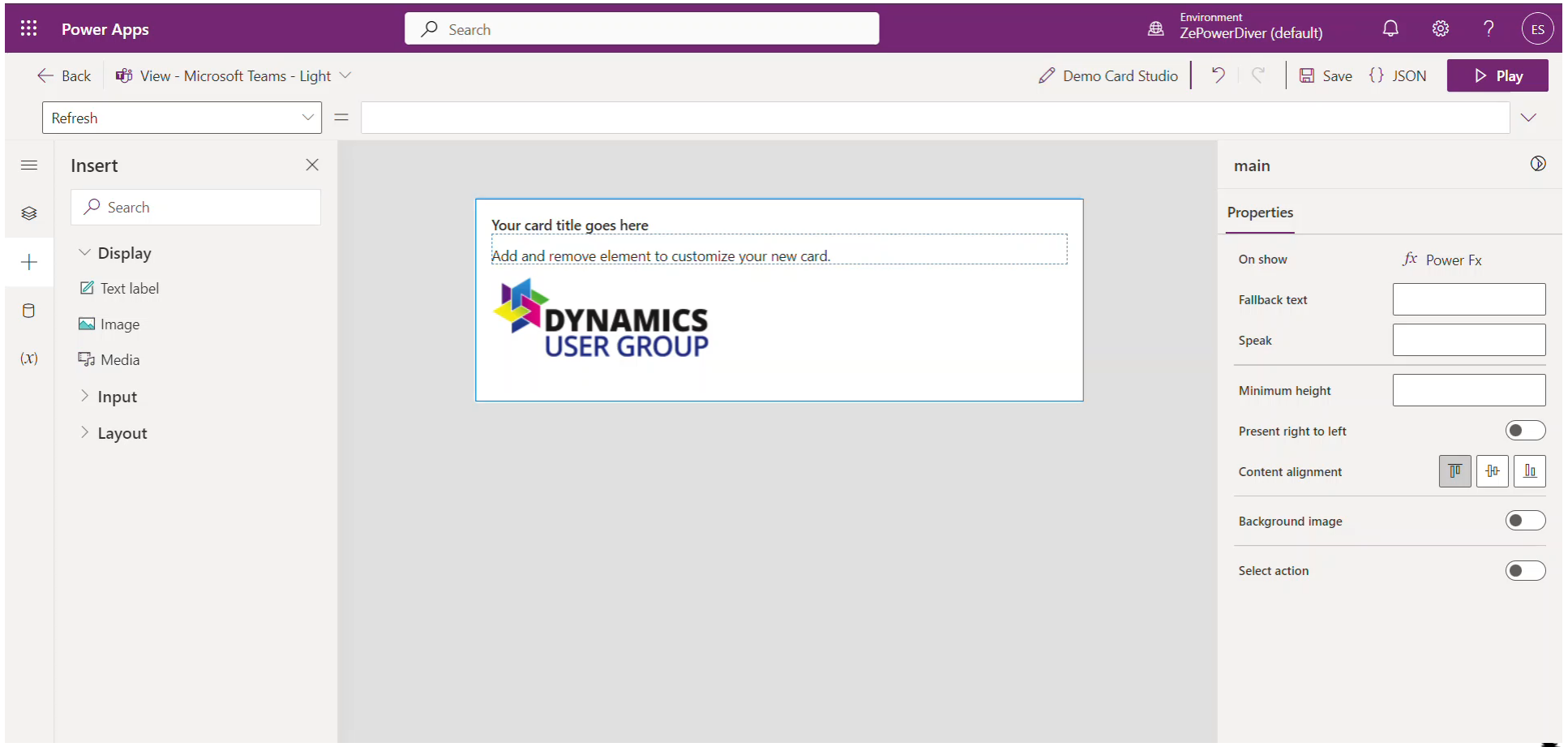
Cards for Power Apps – Canvas studio



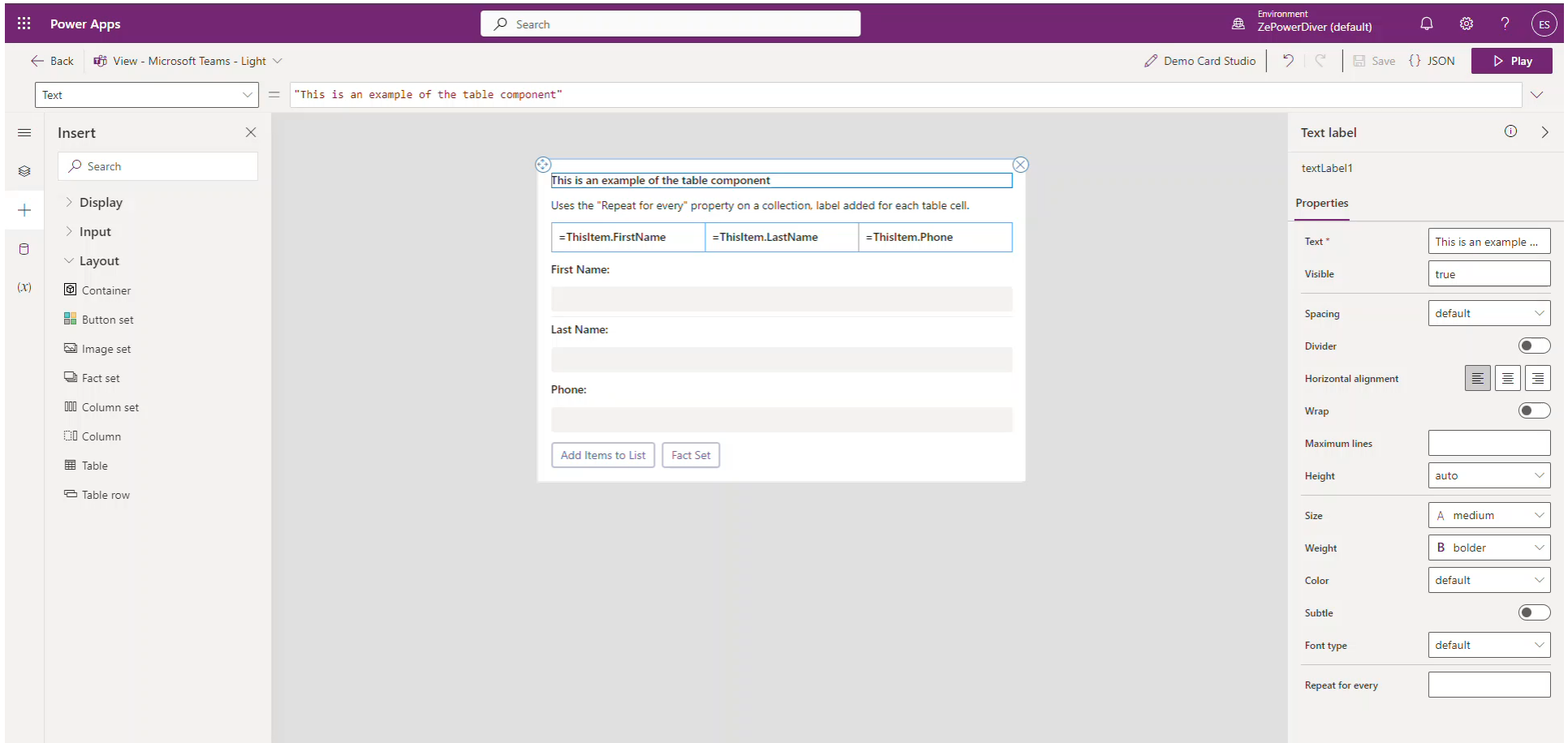
Cards for Power Apps – Display components



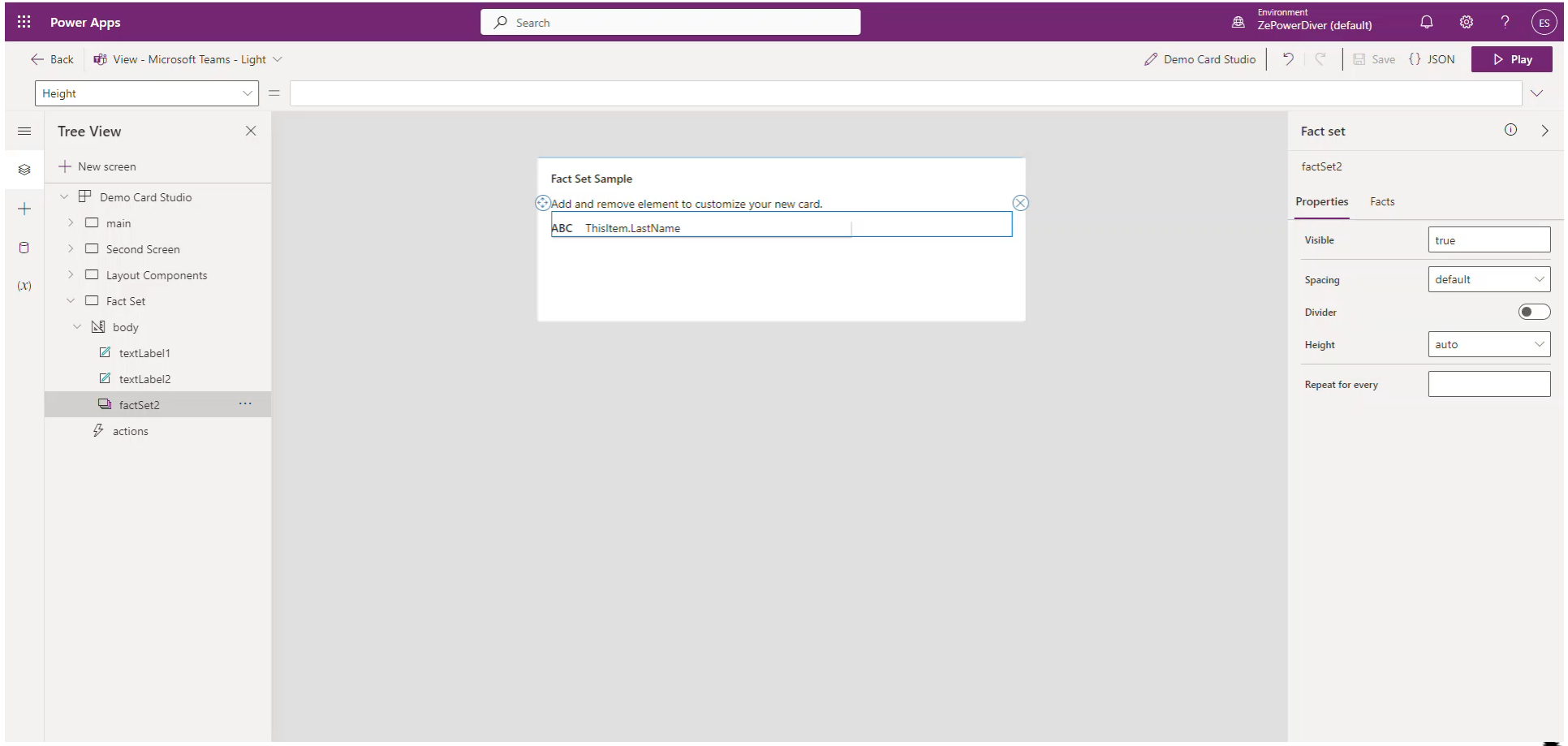
Cards for Power Apps – Input components



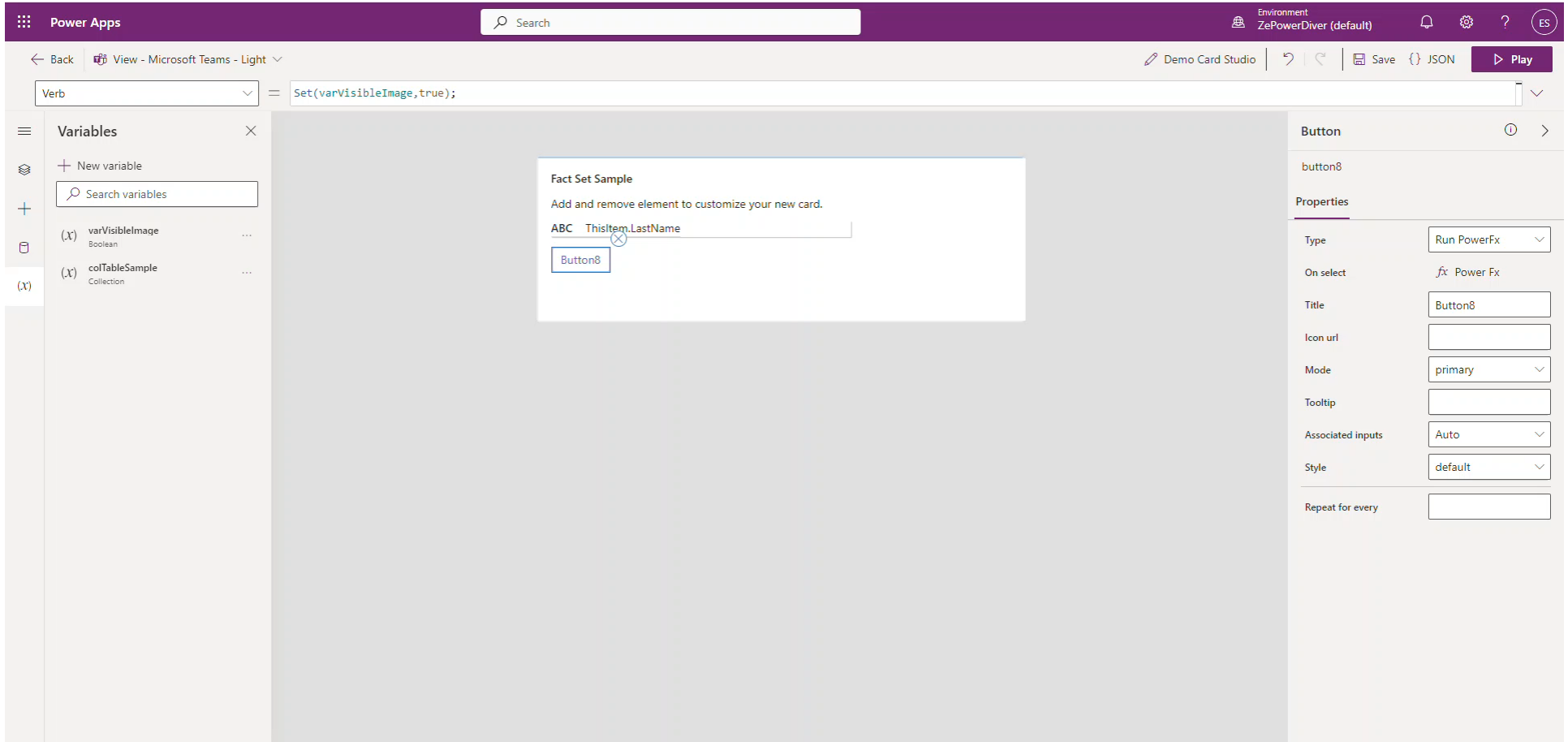
Cards for Power Apps – Layout components



Cards for Power Apps – Power Fx

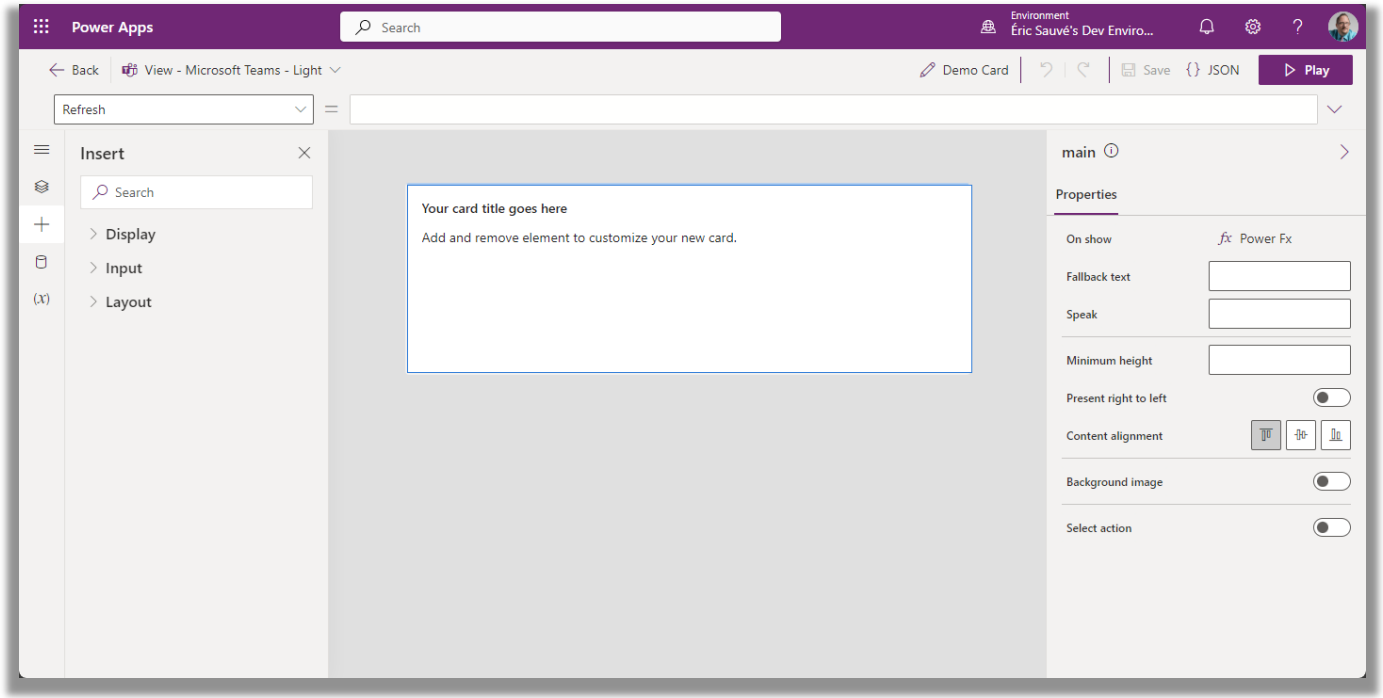


Cards for Power Apps – Variables



Cards for Power Apps - Considerations

- Sizing
- Multiple screens
- Multiple records
- Containers
- Test
- Variables

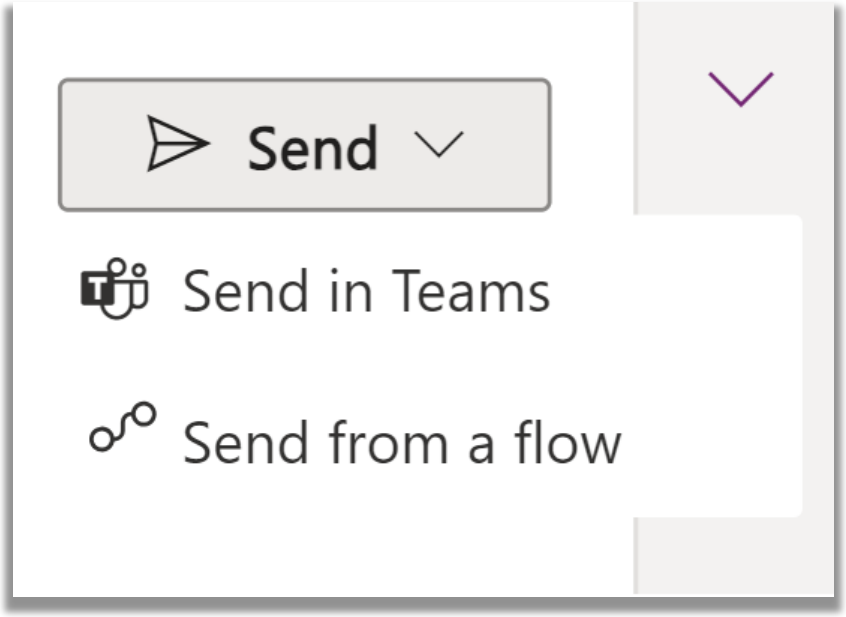


A winning hand: Cards for Power Apps

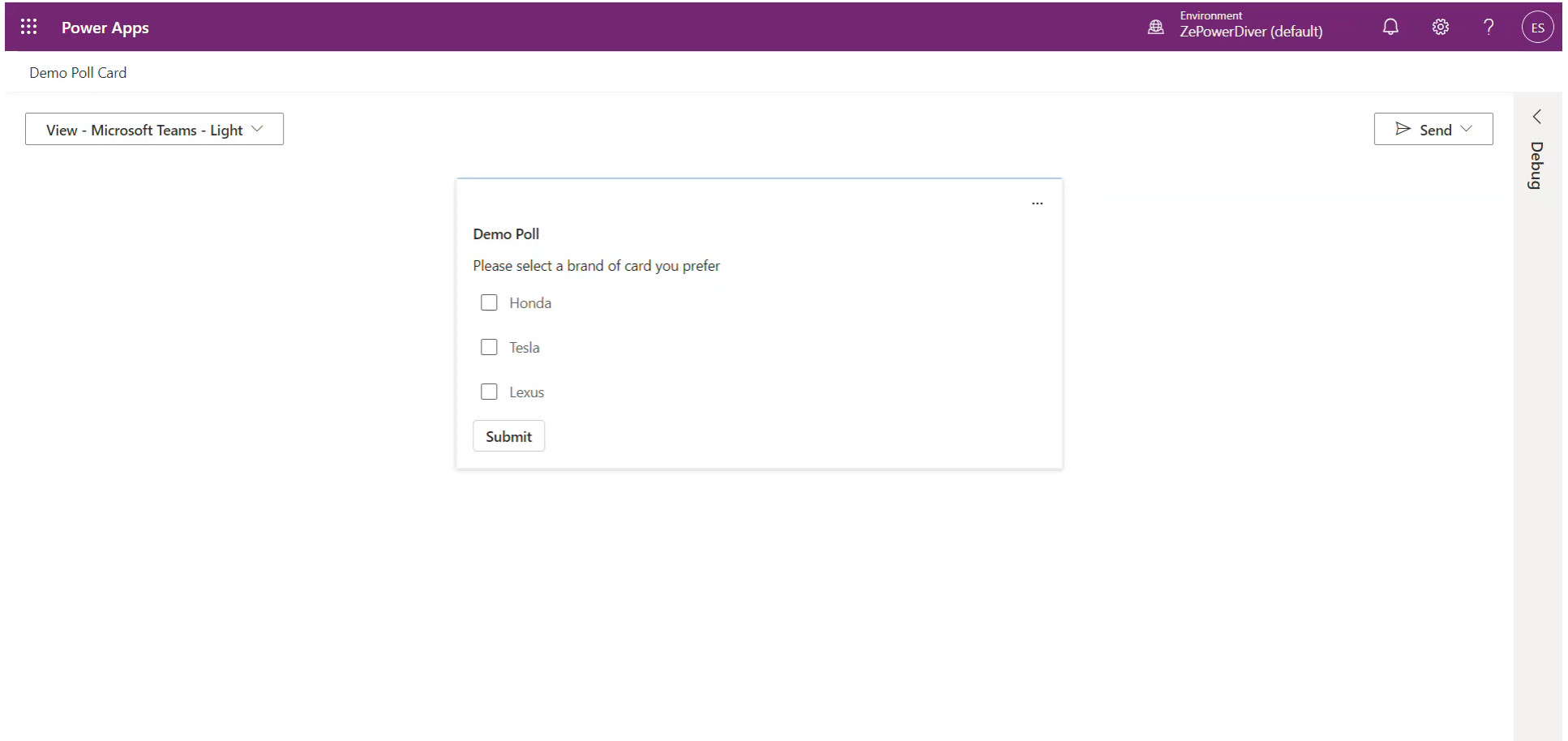
- Cards for Power Apps
- **Sharing in Teams & Power Automate connector for Cards**
- Data sources for Cards

Sharing in Teams

- Prerequisites
- Chat, channel, or meeting
- Share link

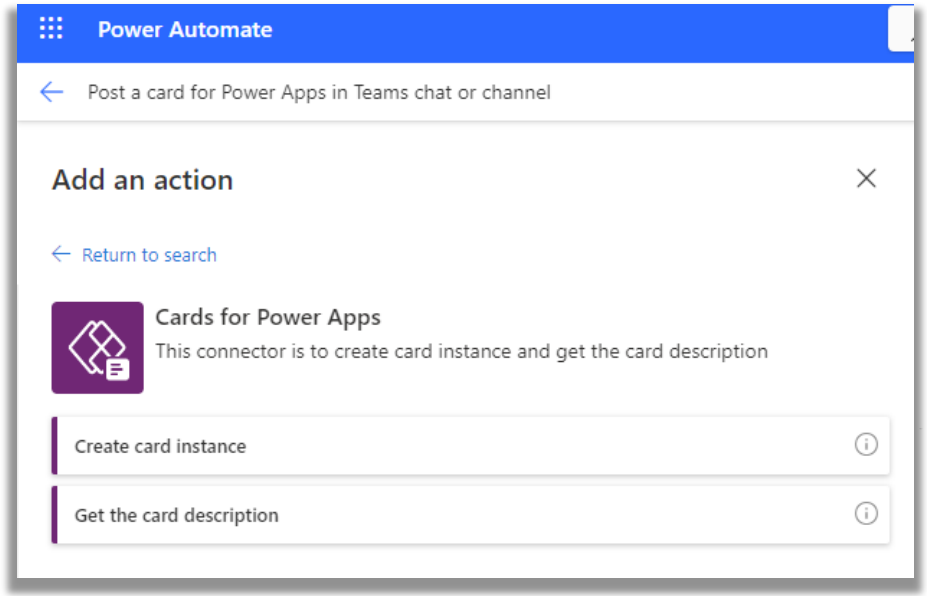


Sharing in Teams



Power Automate connector for Cards

- Template
- Actions
  - Create card instance
  - Get the card description
  - Post a card (Teams action)

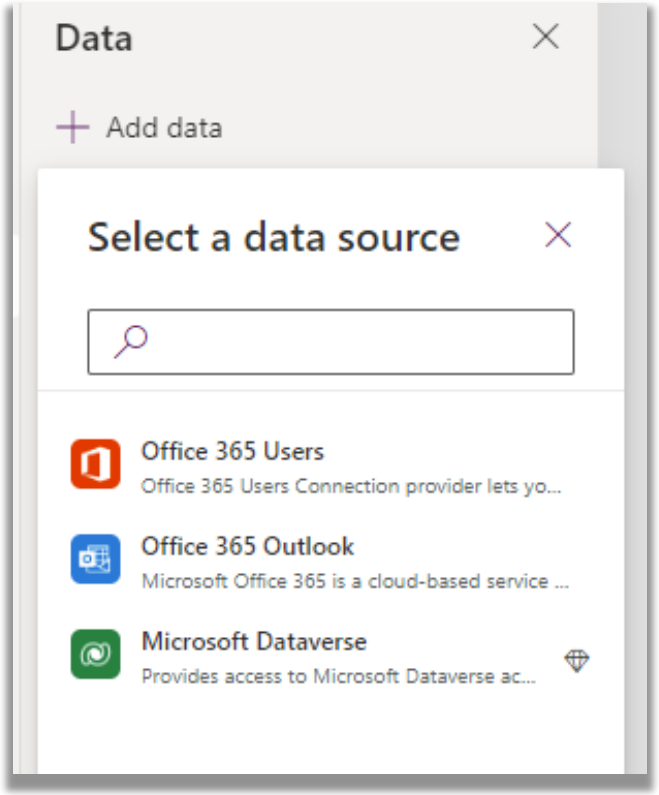


A winning hand: Cards for Power Apps

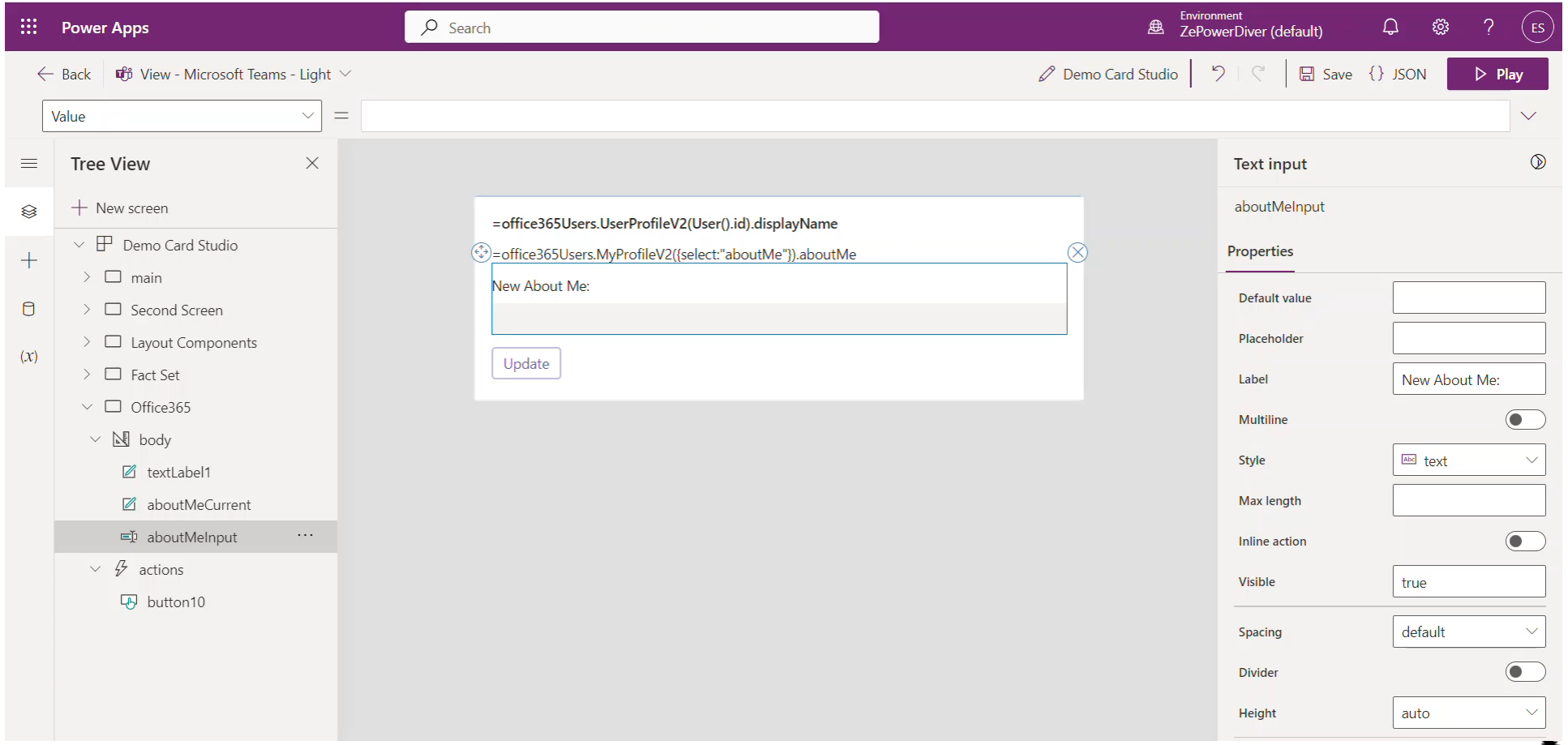
- Cards for Power Apps
- Sharing in Teams & Power Automate connector for Cards
- **Data sources for Cards**

Data sources for Cards

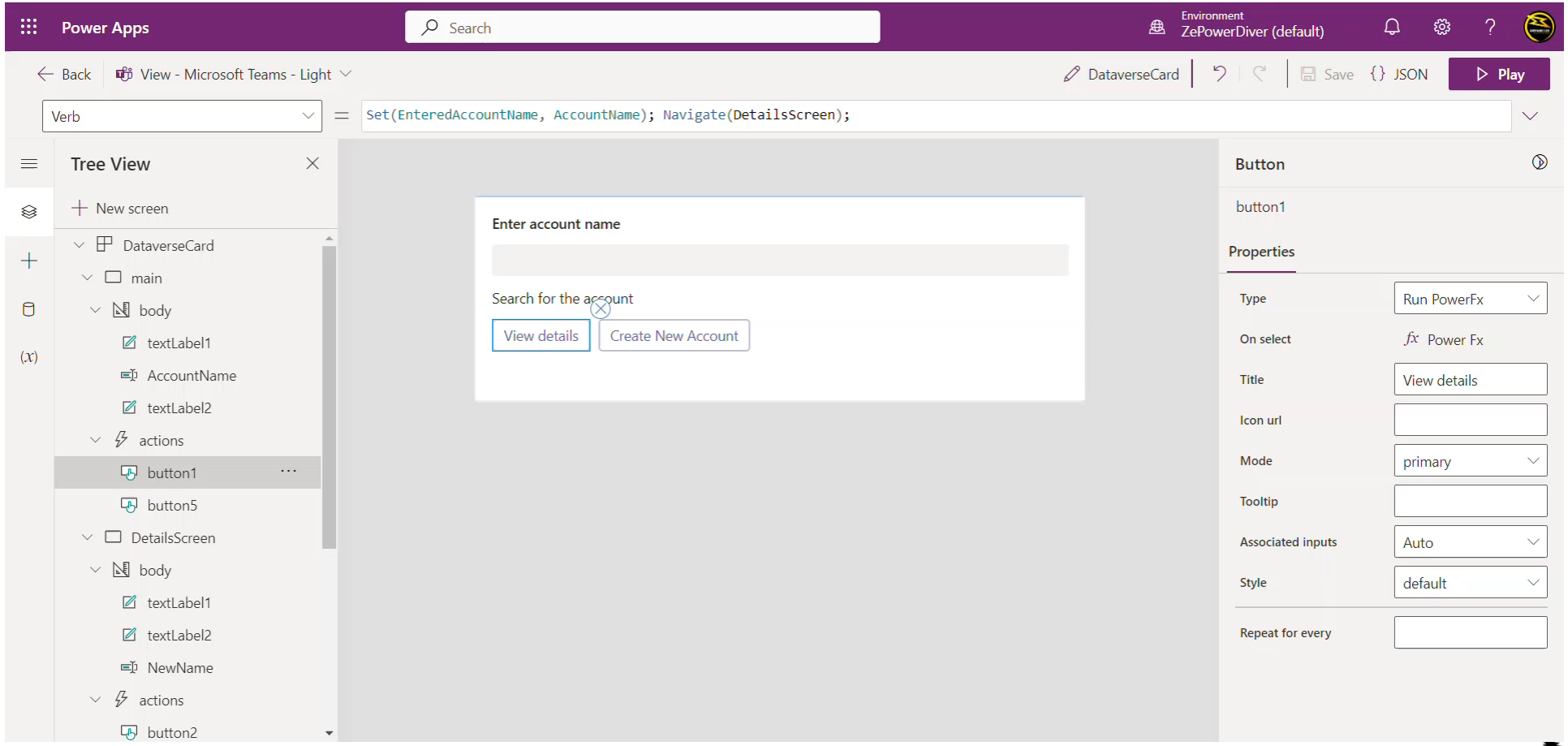
- Office 365 Connectors
  - Office 365 Users
  - Office 365 Outlook
- Currently (“real data sources”):
  - Only Dataverse as a data source



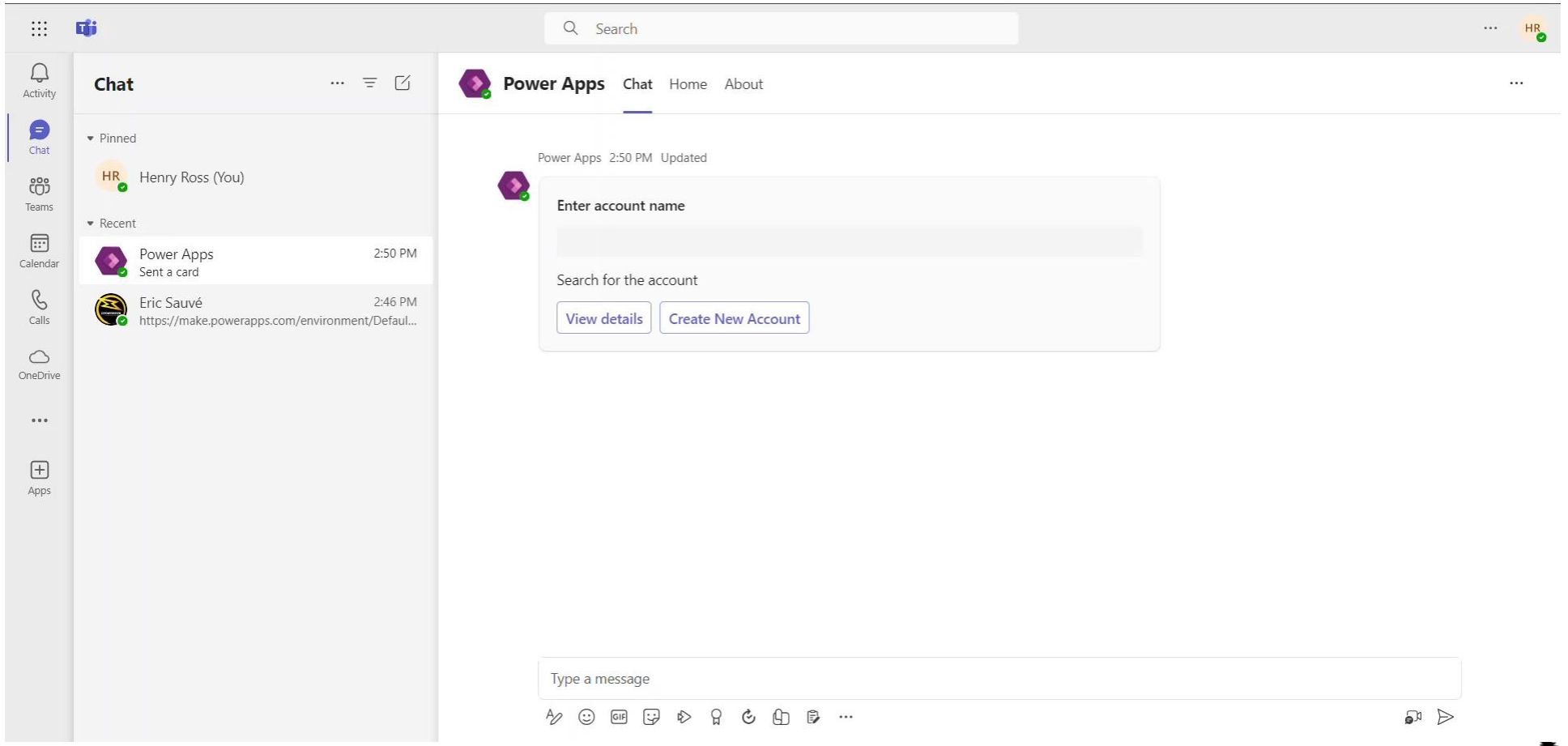
Data sources for Cards – Office 365



Data sources for Cards – Dataverse

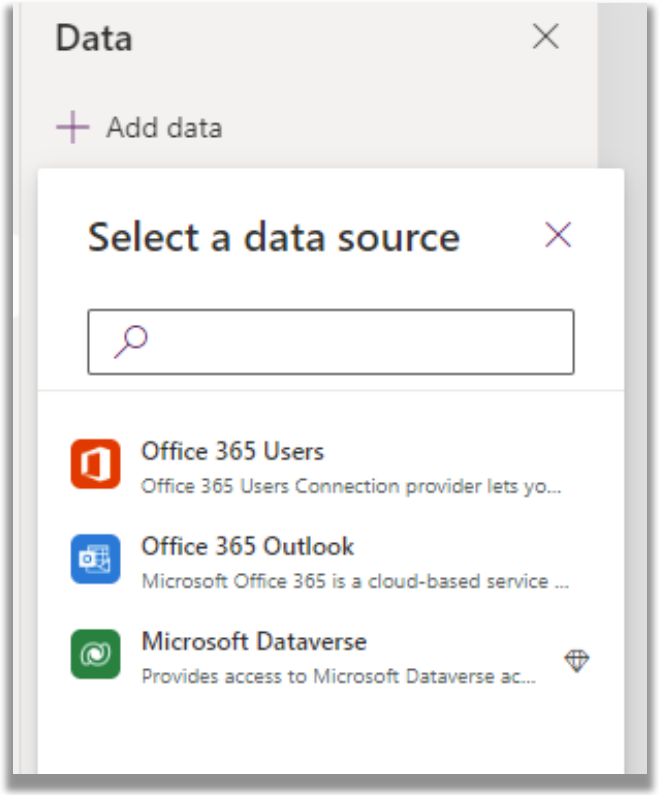


Data sources for Cards – Dataverse (Premium)



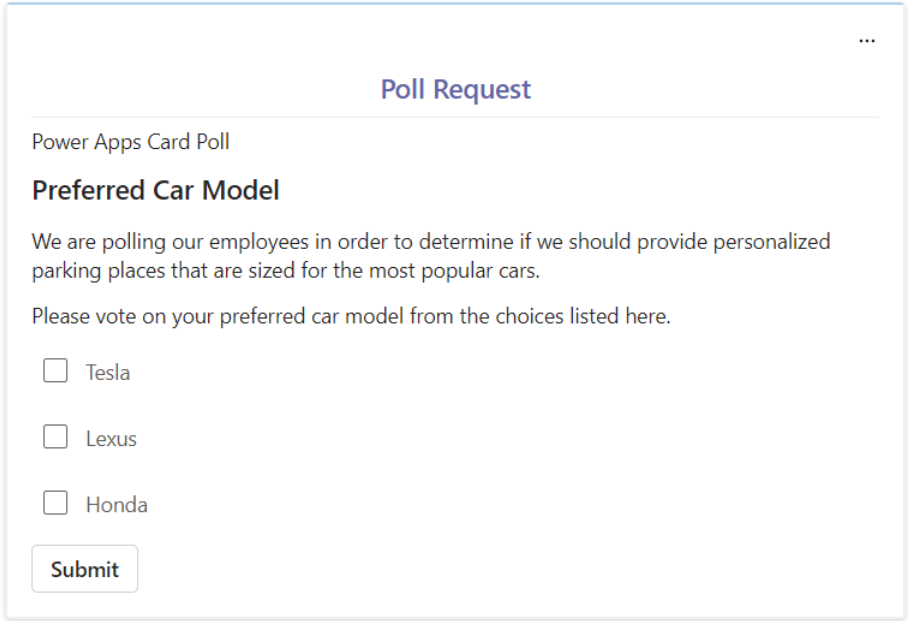
Data sources for Cards

- Office 365 Users:
  - Get/Update Profile information
- Office 365 Outlook
  - Send email messages
- Dataverse (Premium):
  - Create:
    - Defaults() not supported: use Collect
  - No support for:
    - Images
    - URL
    - Files



Cards for Power Apps - Considerations

- When to consider Cards?
  - Simple Scenarios
  - Minimal user input
  - Shared via Teams
  - Action required vs. Consumable App
  - LoCode (vs. Adaptive Cards JSON)
  - Dataverse = Premium



What's next?
Q&A

Shaping next-gen development: the future of Copilot in Power Platform

Wednesday, May 22 | 4:00 PM - 4:45 PM Eastern Daylight Saving Time Duration 45 minutes

BRK211

Breakout | In Seattle + Online | Will be recorded

Speakers:  Charles Lamanna | Microsoft  Miti Joshi | Microsoft  Ray Smith | Microsoft  Leon Welicki | Microsoft

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