

Nonprofit Accelerator ERD and How-to Guide

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# Overview

Applies To: Dynamics 365 (online)

The Microsoft Dynamics 365 Nonprofit Accelerator (“Accelerator”) is a solution released by Microsoft to help drive adoption of the Business Application Power Platform by nonprofit partners and providers, including the Common Data Model, The Common Data Services, Dynamics and Power BI. The Accelerator contains installable solutions that include standard entity attribute extensions, new nonprofit entities, pre-built dashboards, workflows, sample data as well as other tools to help customers and partners build and deploy new nonprofit solutions.

This documentation provides an overview of the key entities, attributes, relationships and metadata included in the Accelerator.

## Entities and Attributes

The Accelerator model contains a number of attribute extensions to existing Common Data Model entities as well as new entities. The prefix “msnfp” is consistent throughout all these extensions.

In this document, concepts that are mapped to existing entities, such as Account or Addresses, have the name of the existing entity in the title as well.

Additional metadata on the entities and the attributes can be found by installing the Accelerator and using the Dynamics metadata browser.

Additional Resources:

1. Learn more about the [Common Data Model](https://github.com/Microsoft/CDM)
2. Download the Dynamics 365 Nonprofit Accelerator from [AppSource](https://appsource.microsoft.com/en-us/product/dynamics-365/msnfp.msftnonprofitcommondatamodel?src=office&tab=Overview)
3. The nonprofit common data model, solutions, data samples, Power BI Examples, SDK extensions and more are provided as part of the open-source creative license available on [GitHub](https://github.com/Microsoft/Dynamics-365-Industry-Accelerators/tree/master/nfp)
4. Information about Microsoft’s [Nonprofit Offerings](https://www.microsoft.com/en-us/nonprofits)
5. First Look at the [Nonprofit Accelerator](https://community.dynamics.com/365/b/dynamics365isvsuccess/archive/2018/11/08/a-first-look-at-the-dynamics-365-nonprofit-accelerator)
6. [Additional Topics](https://community.dynamics.com/365/b/dynamics365isvsuccess/archive/2018/08/01/dynamics-365-brings-industry-focus-through-the-microsoft-power-platform-and-solution-accelerators) about the accelerators

# Entity Relationship Diagrams

The following conceptual entity relationship diagrams provide overviews of key entity relationships and examples in the Common Data Model.

## How to Model Constituent to Finance integration process

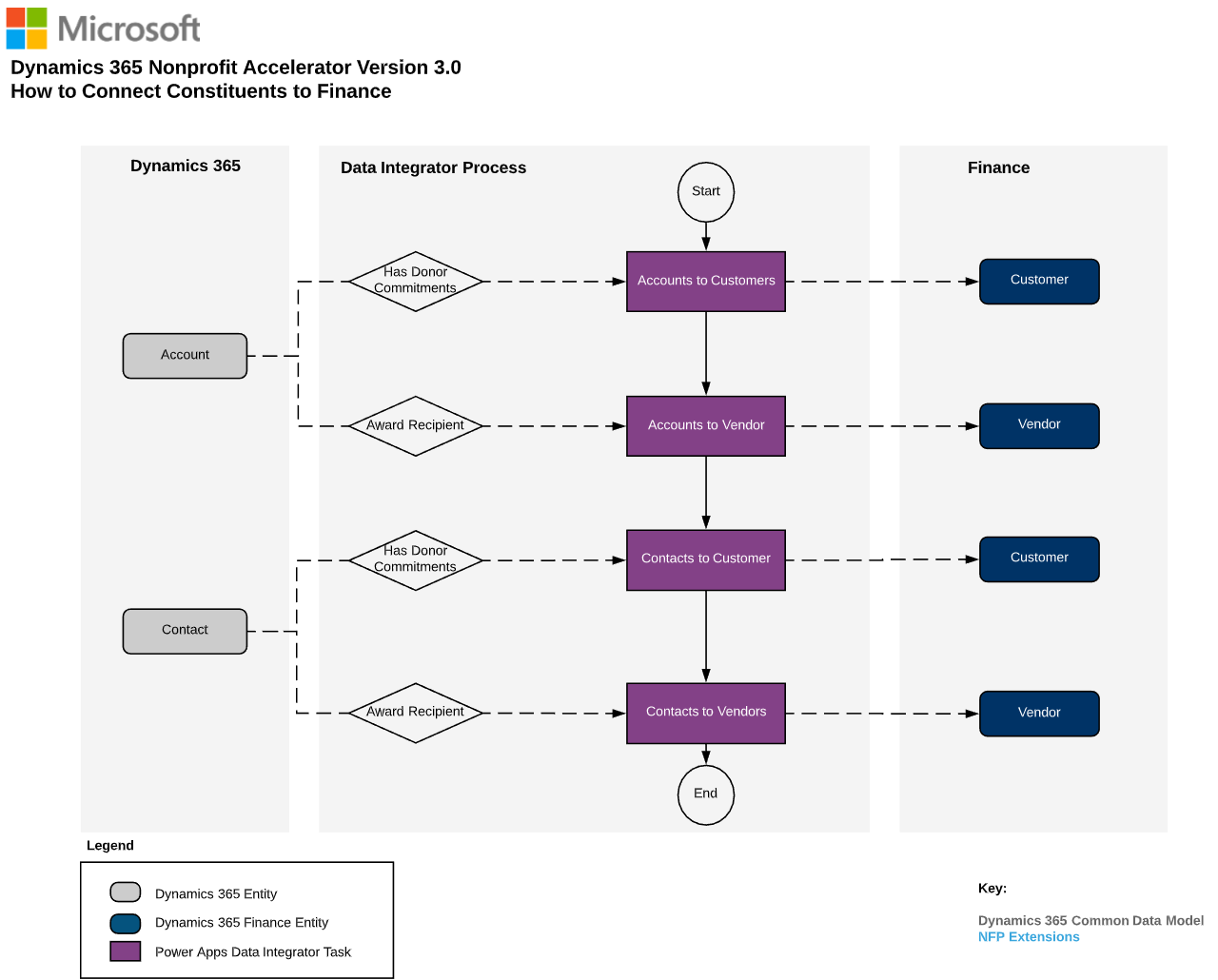


Figure 1: Diagram for Connecting Constituent to F&O

## How to Model Program Delivery to Finance integration process

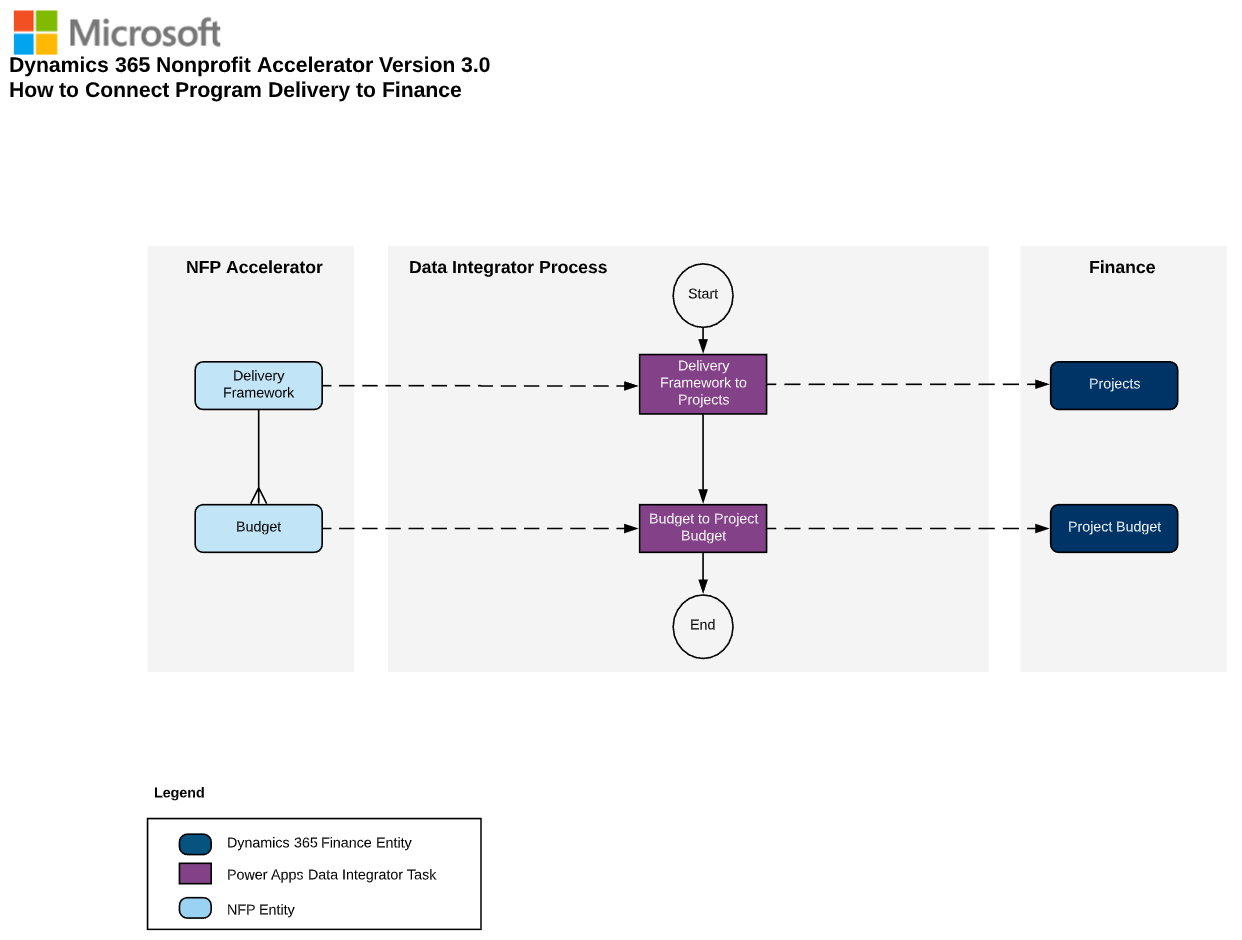


Figure 2: Diagram for Connecting Program Delivery to F&O

## How to Model Donations to Finance integration process

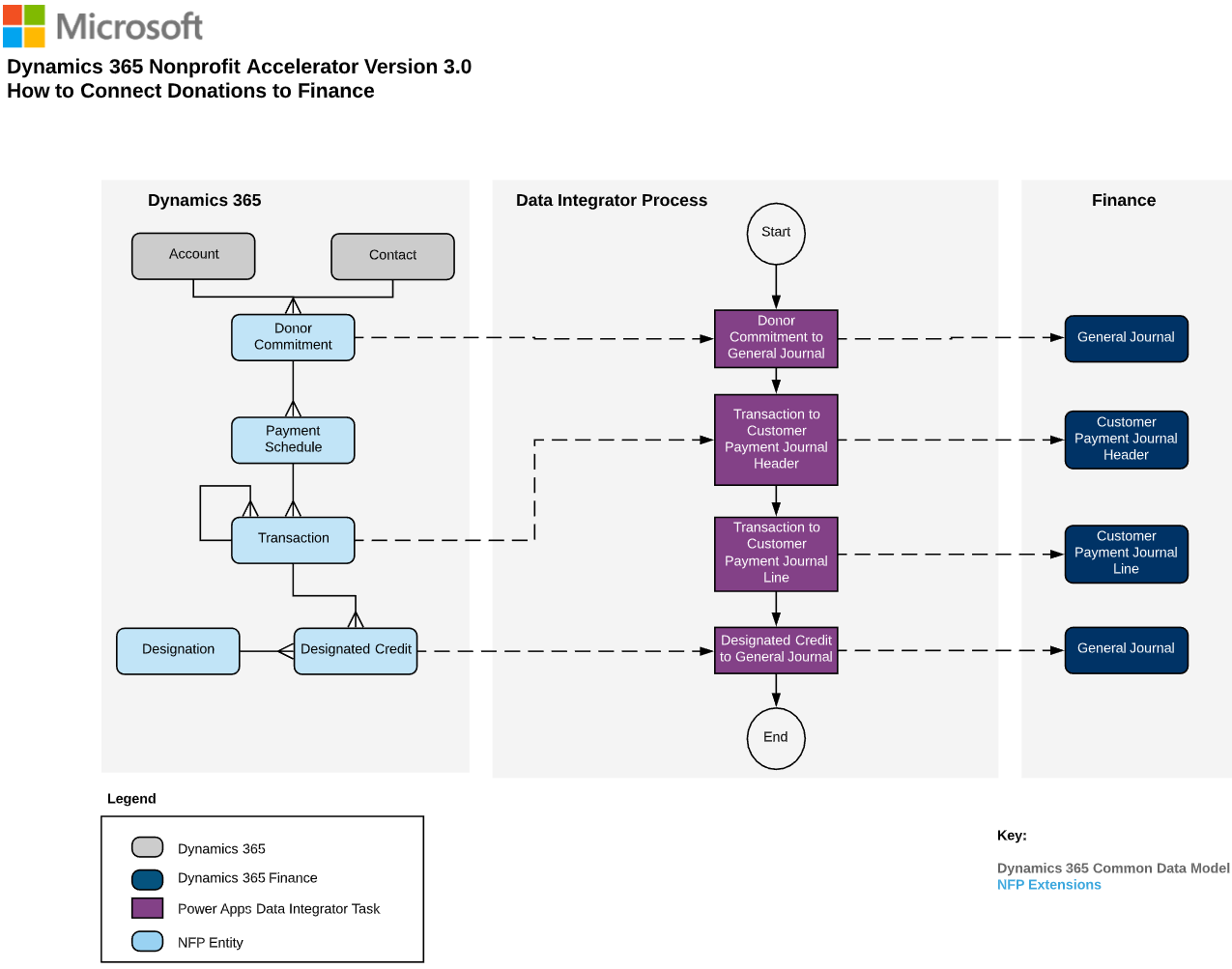


Figure 3: Diagram for Connecting Donations to F&O

## How to Model Grants and Awards to Finance integration process

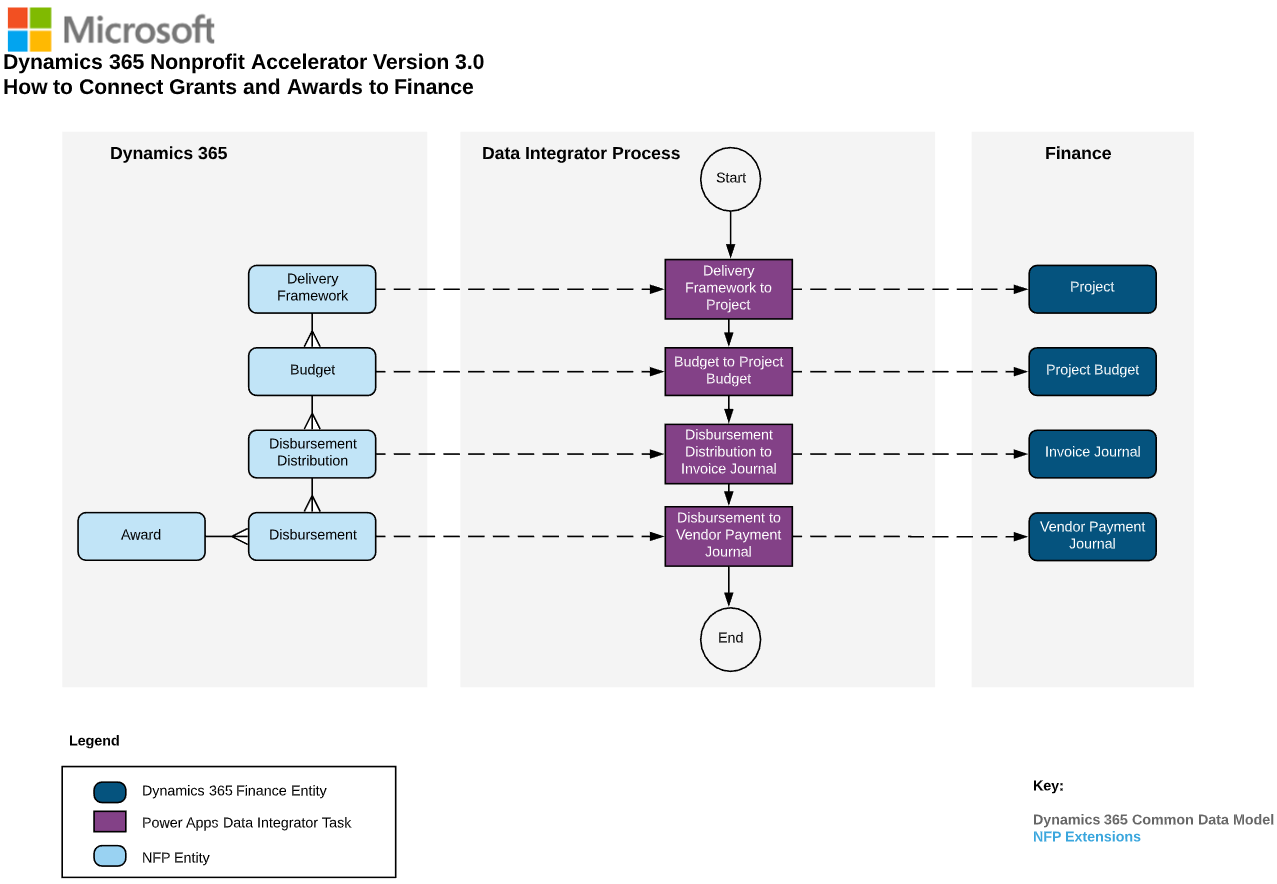


Figure 4: Diagram for Connecting Grants and Awards to F&O

## How to Model a Constituent

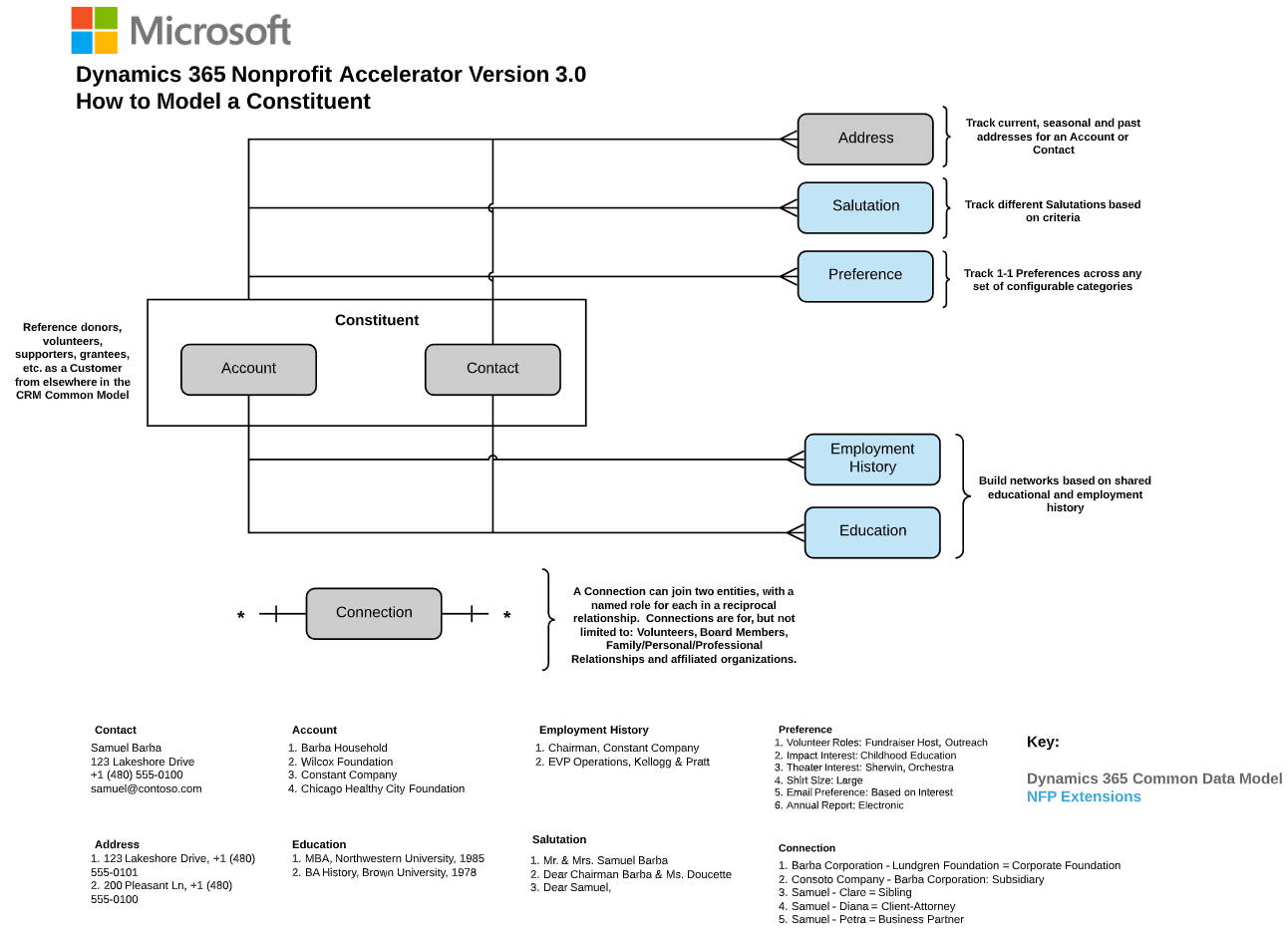


Figure 5: Diagram of How to model a Constituent

## How to Model Awards

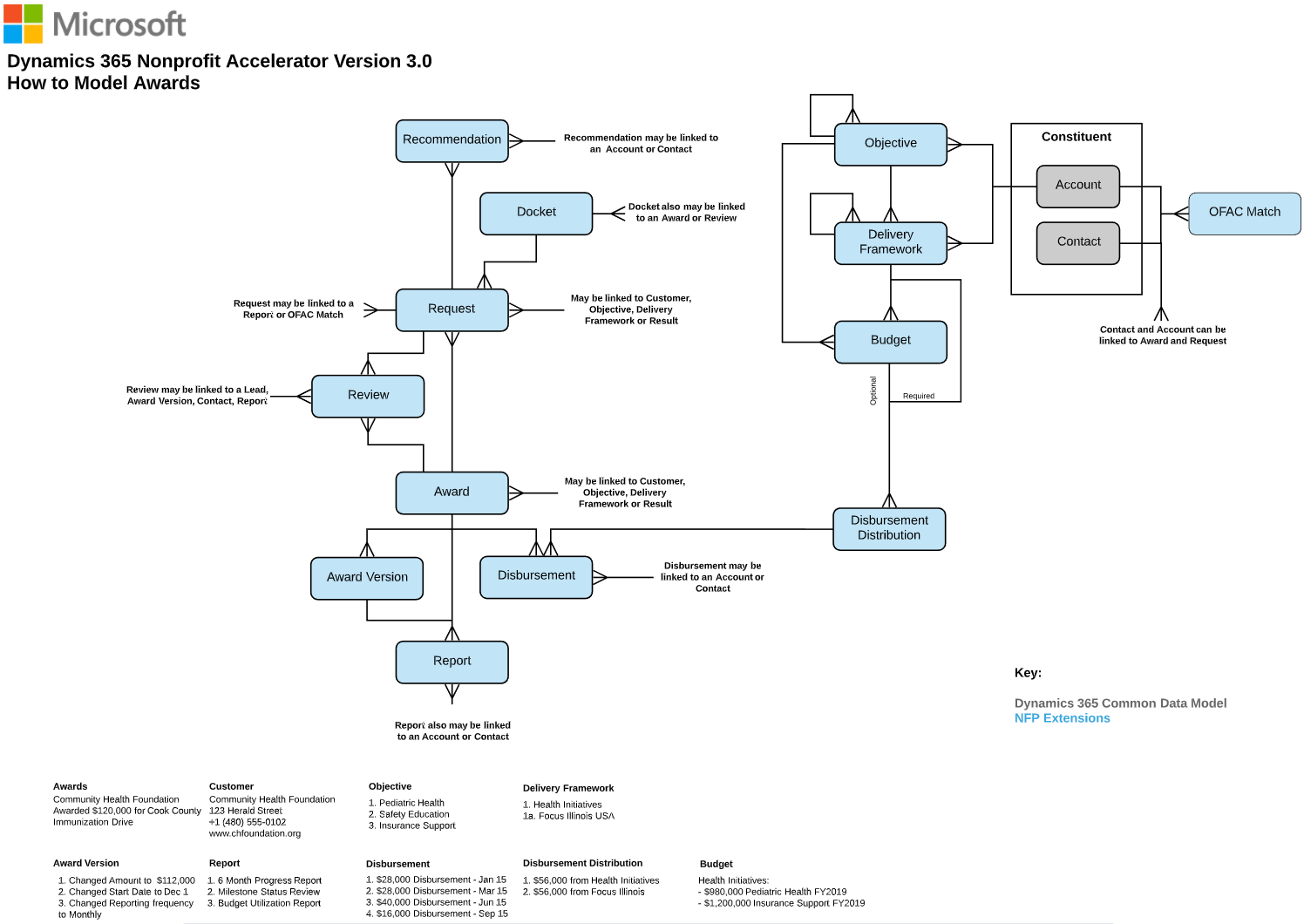


Figure 6: Diagram of How to Model Awards

## How to Model a Benefit Recipient

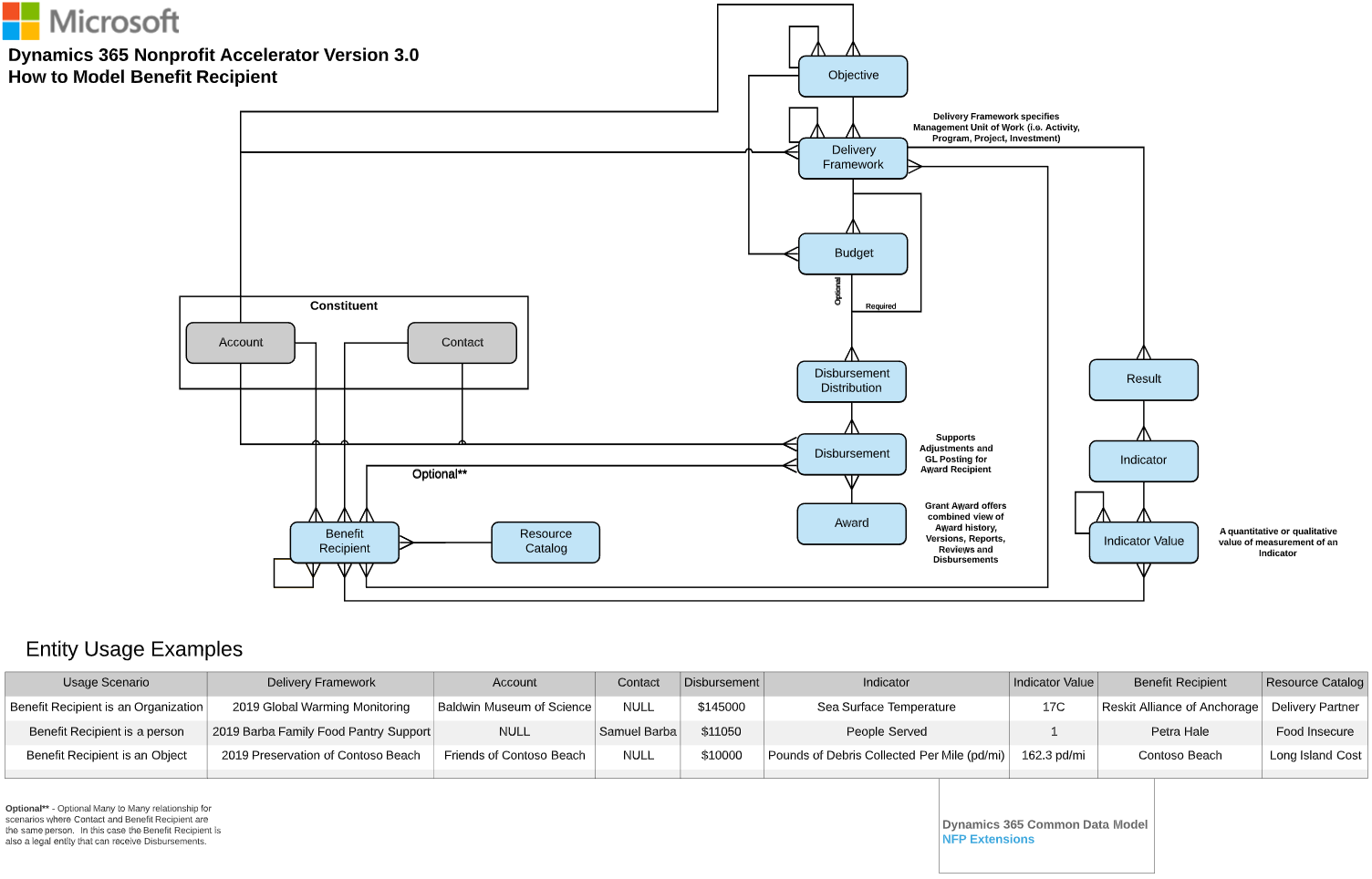


Figure 7: Diagram of How to Model a Benefit Recipient

## How to Model a Household

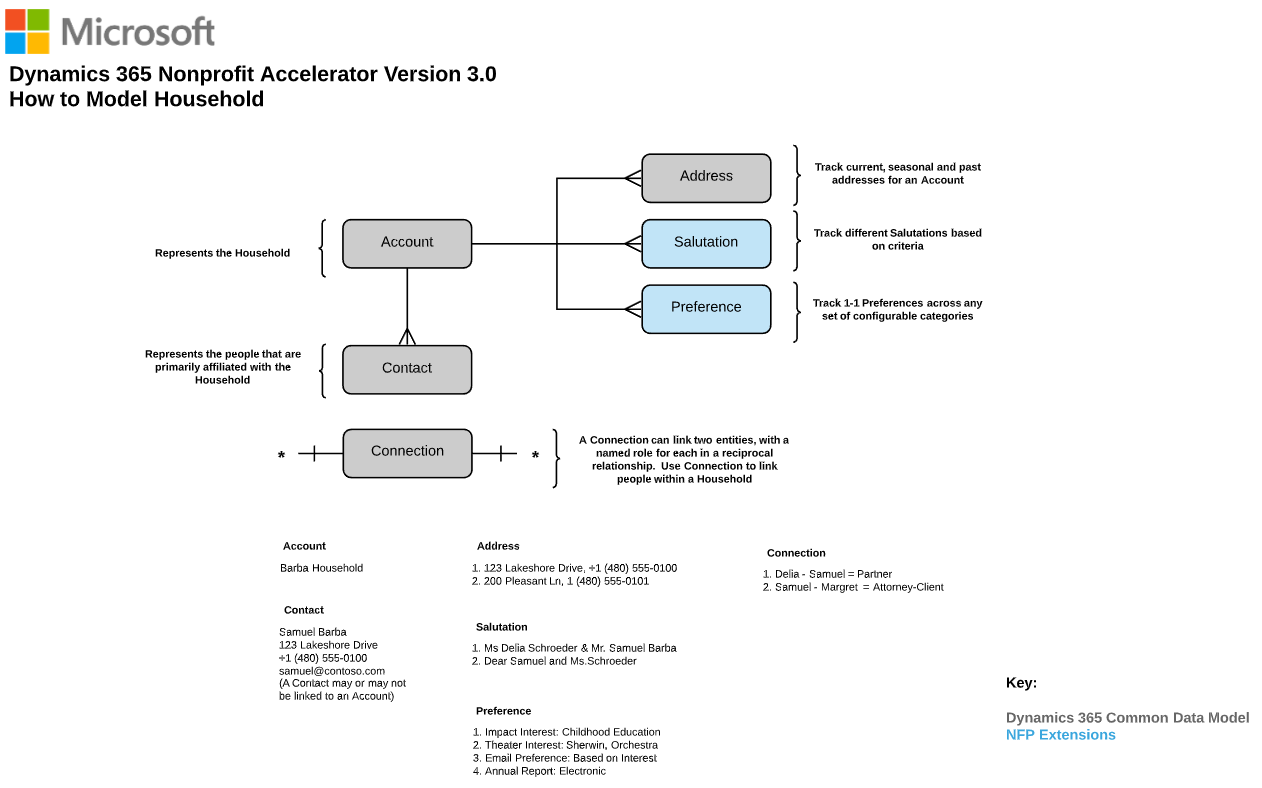


Figure 8: Diagram of How to Model a Household

## How to Model an Organization

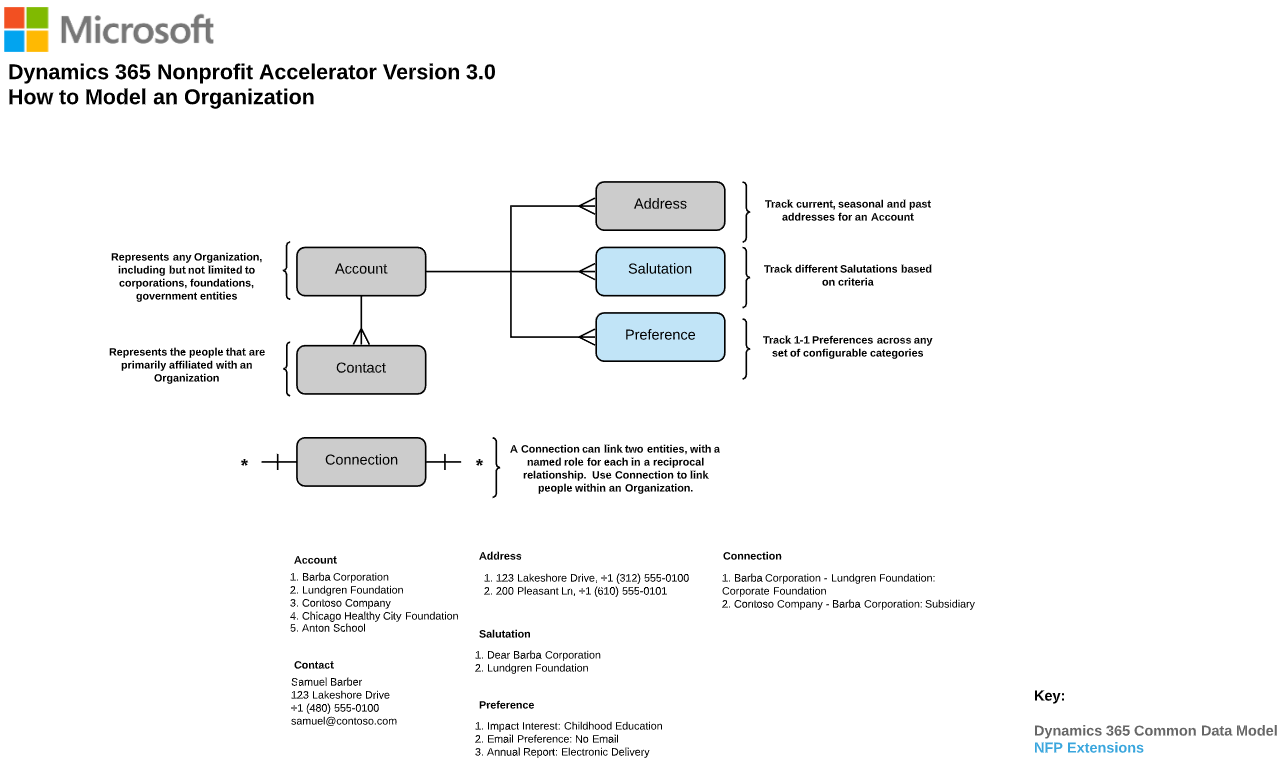


Figure 9: Diagram of How to Model an Organization

## How to Model Membership

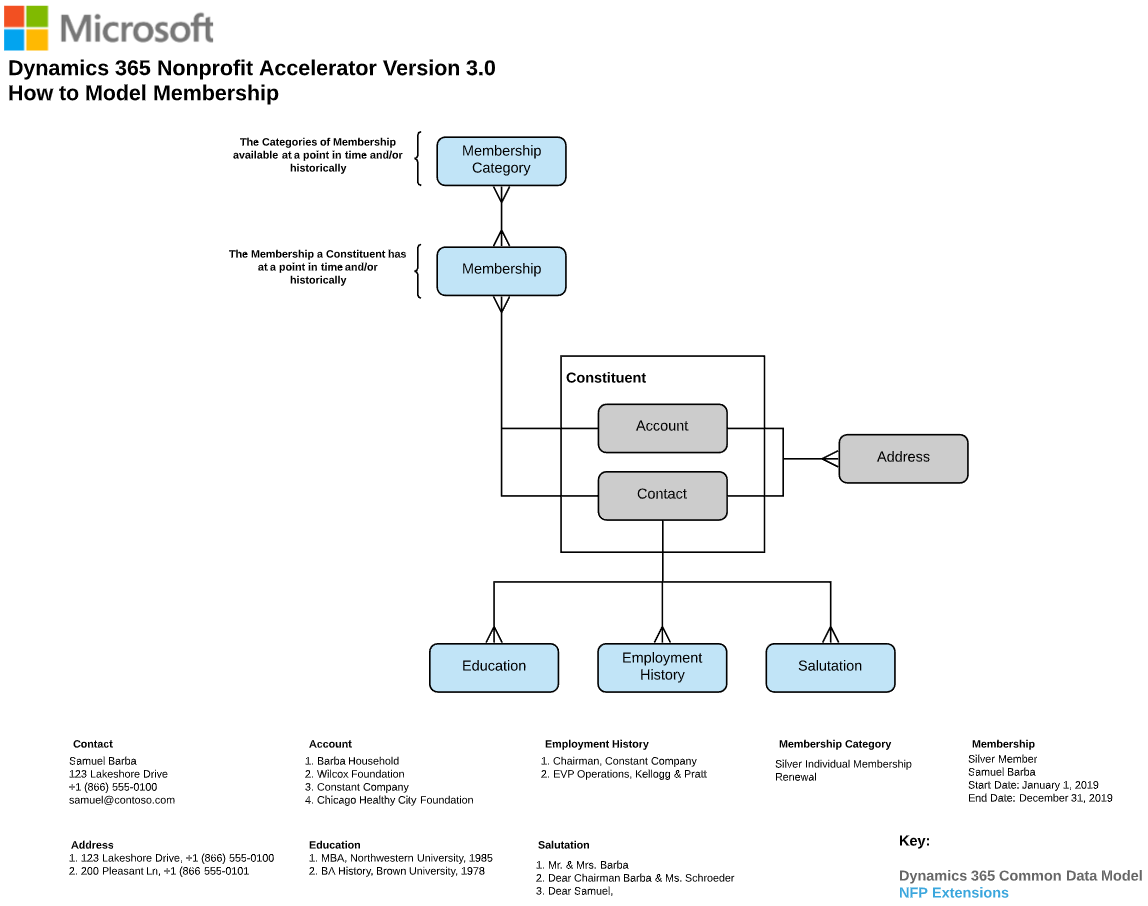


Figure 11: Diagram of How to Model Membership

## How to Model Fundraising

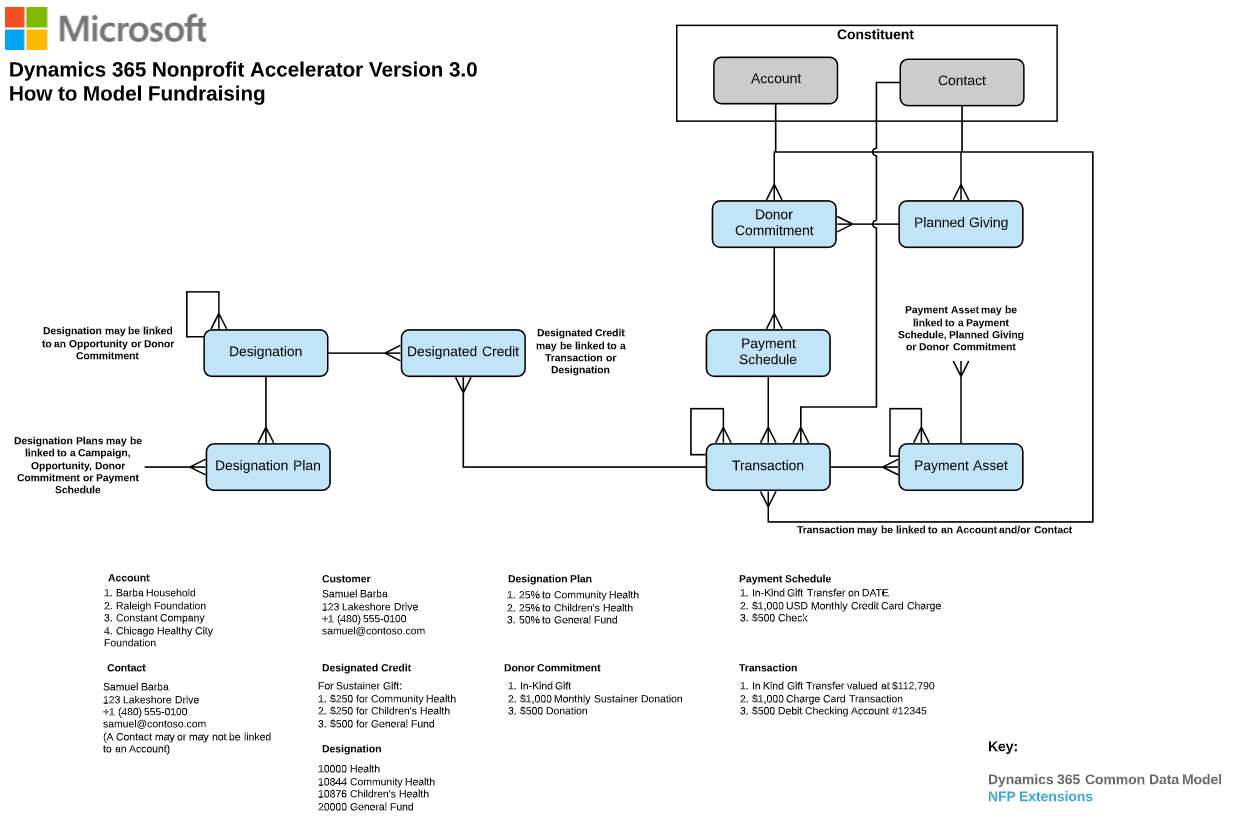


Figure 12: Diagram of How to Model Fundraising

## How to Model Fundraising to Program Delivery

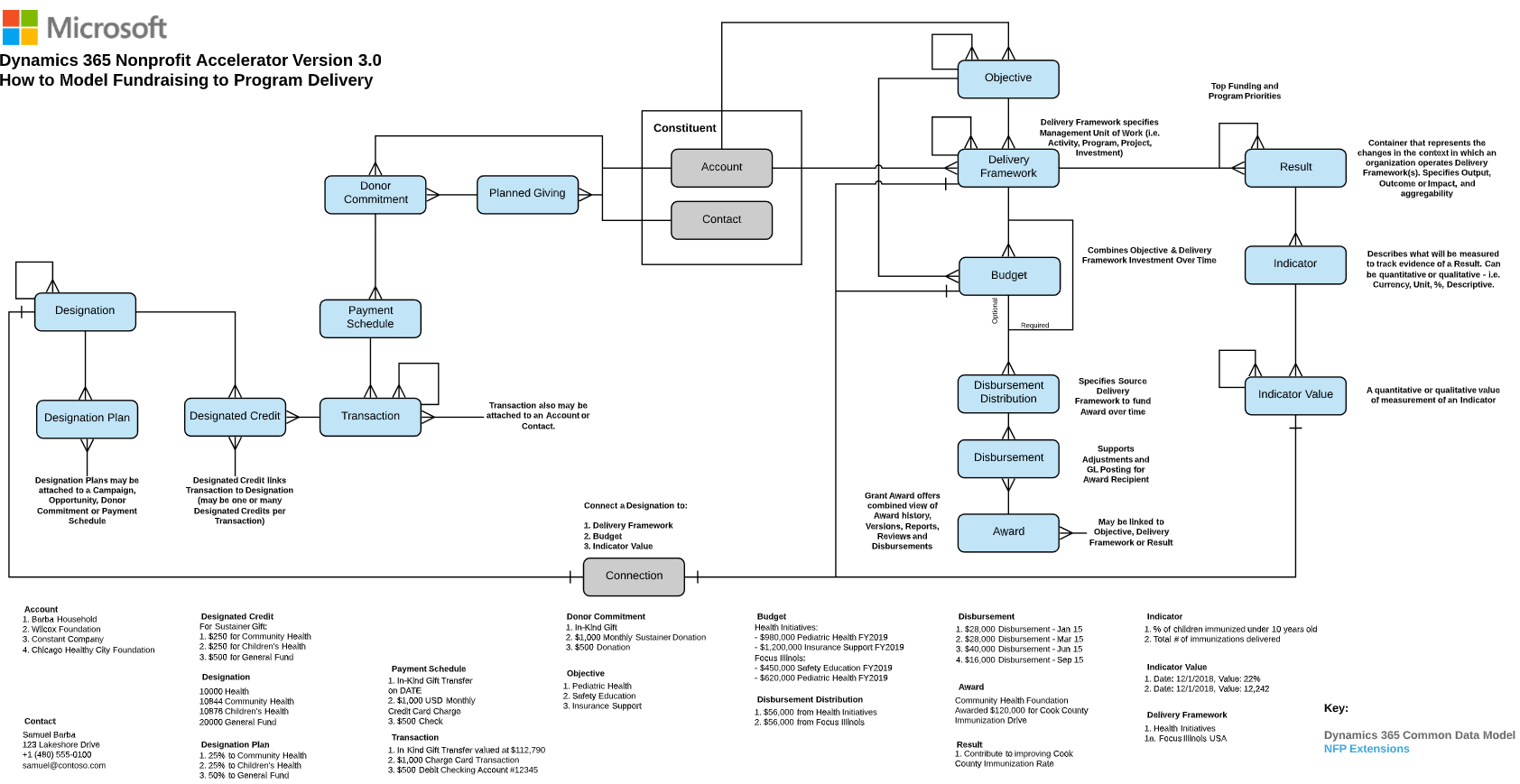


Figure 13: Diagram of How to Model Fundraising to Program Delivery

## How to Model Program Delivery & Results

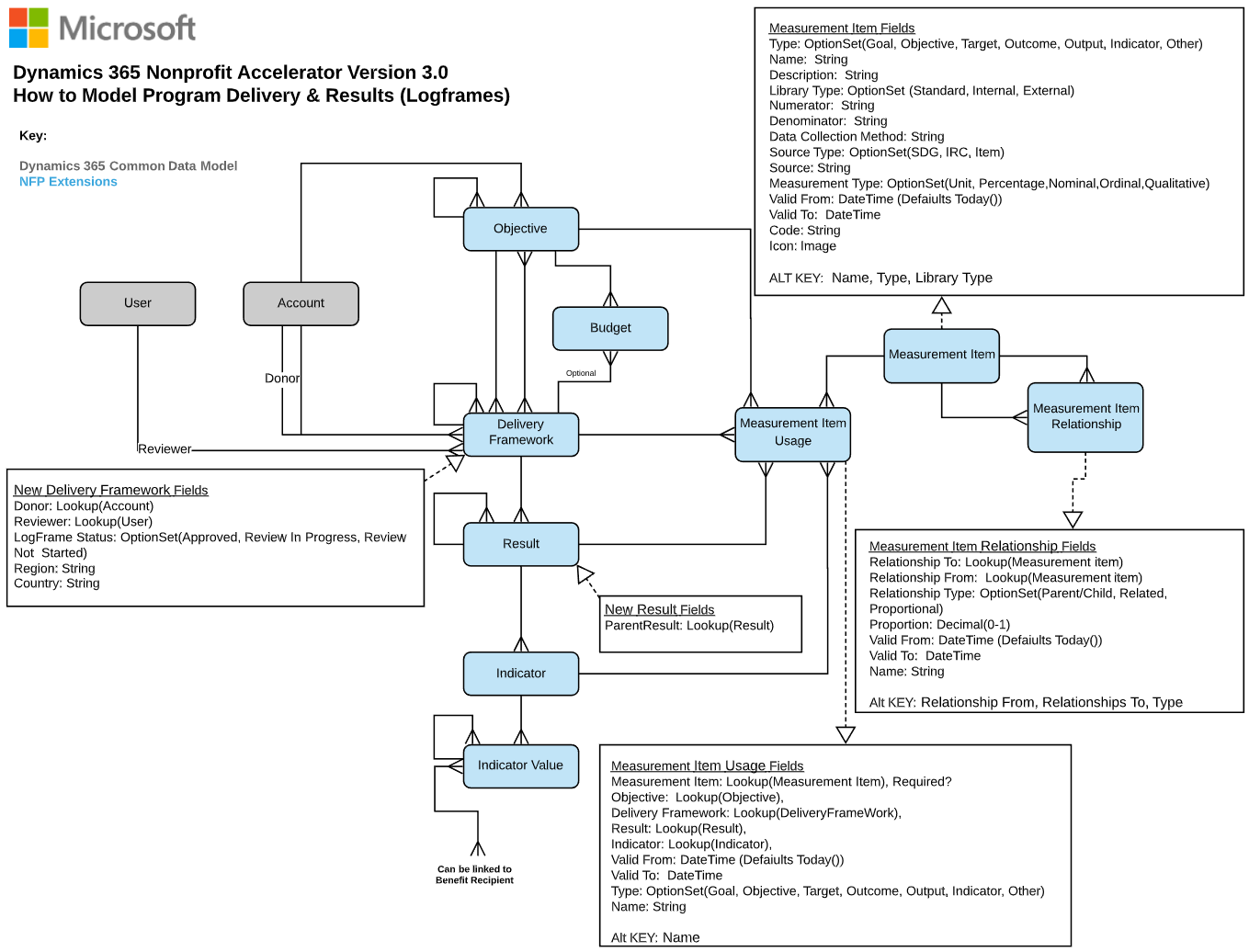


Figure 14: Diagram of How to Model Program Delivery and Results

## How to Model Program Delivery to Constituent

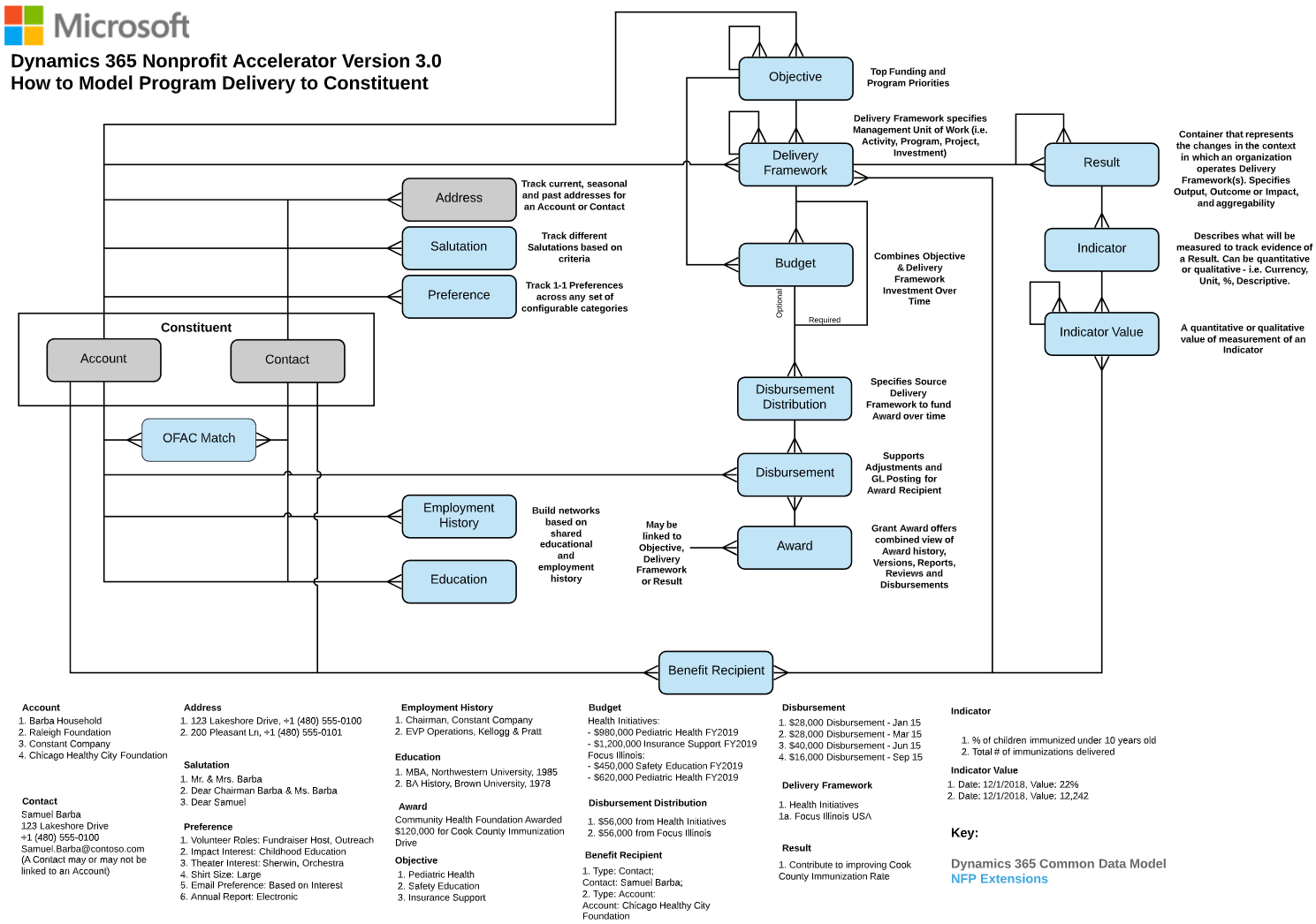


Figure 15: Diagram of How to Model Program Delivery to Constituent

## How to Model IATI Codelist Sync Process

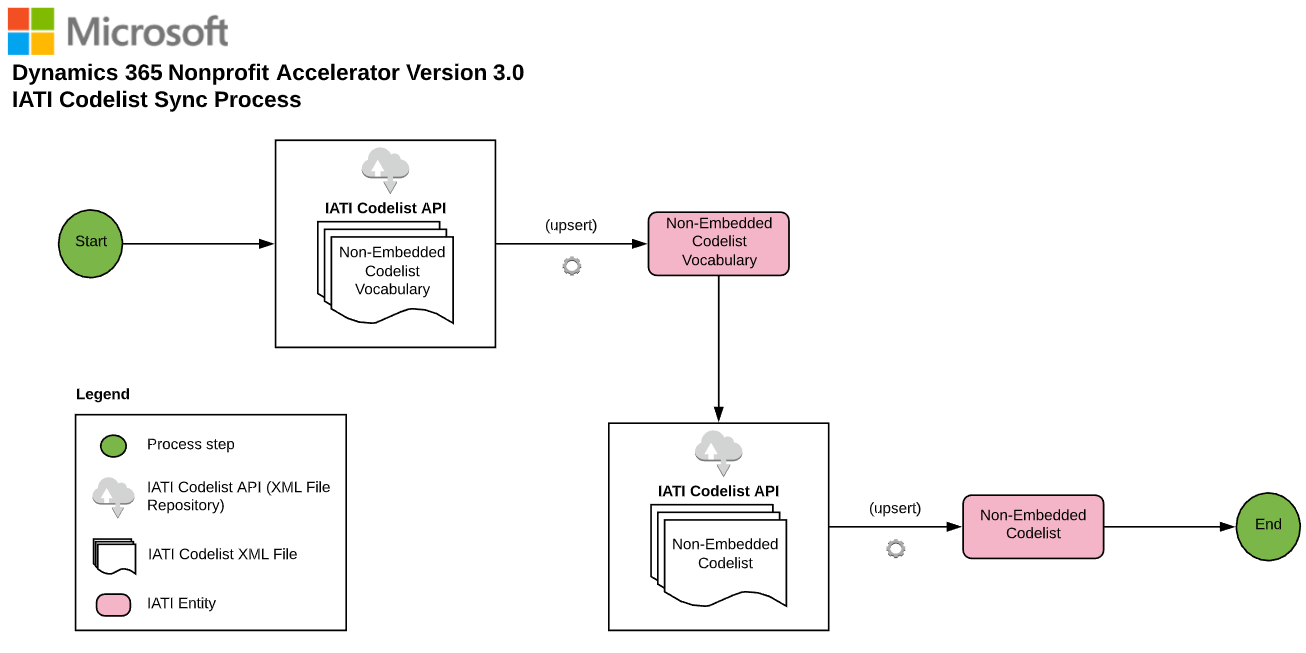


Figure 16: Diagram of Modeling IATI Codelist Sync Process

## How to Model IATI Organization & Activity Standards

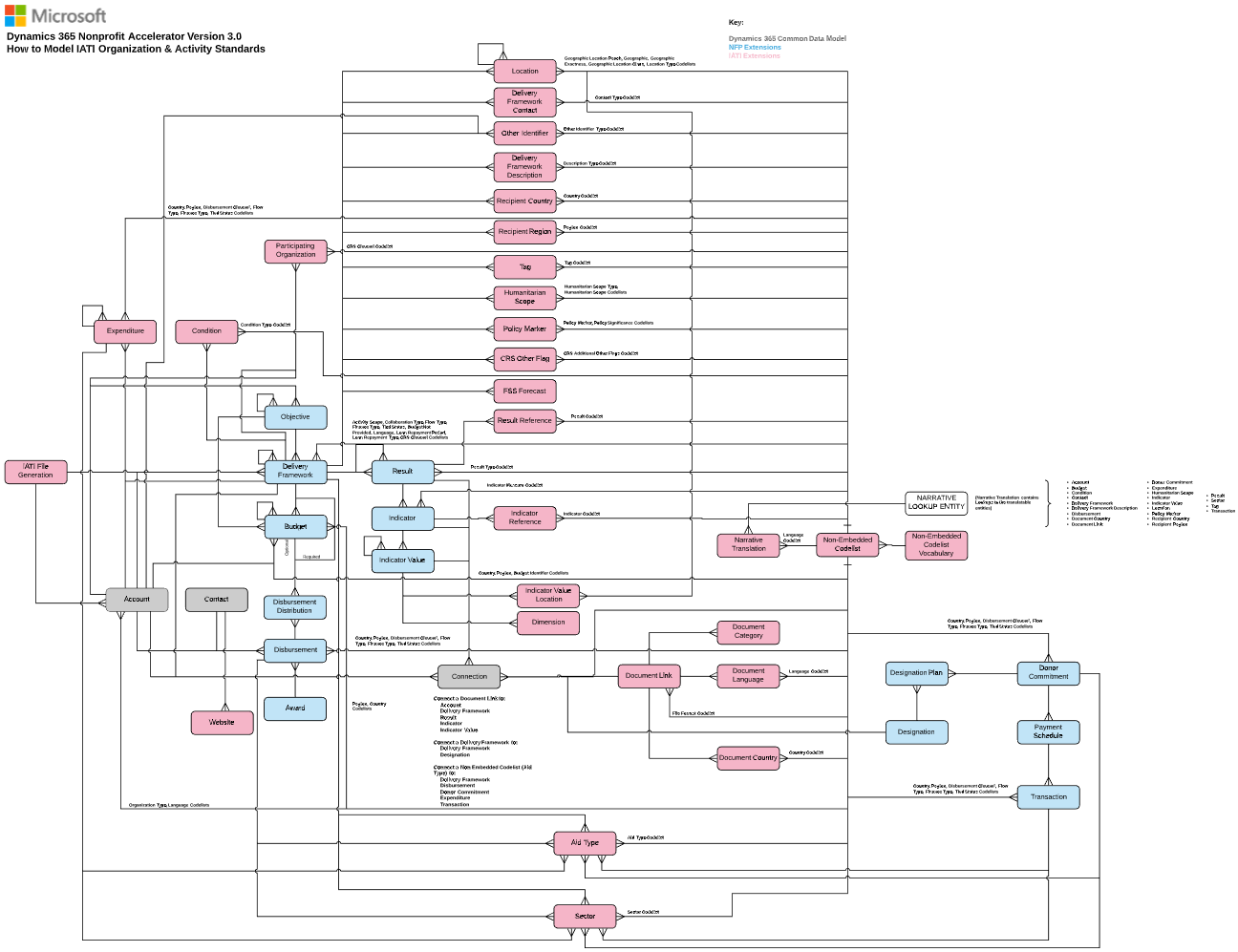


Figure 17: Diagram of Model IATI Organization & Activity Standards

## How to Model Case Management

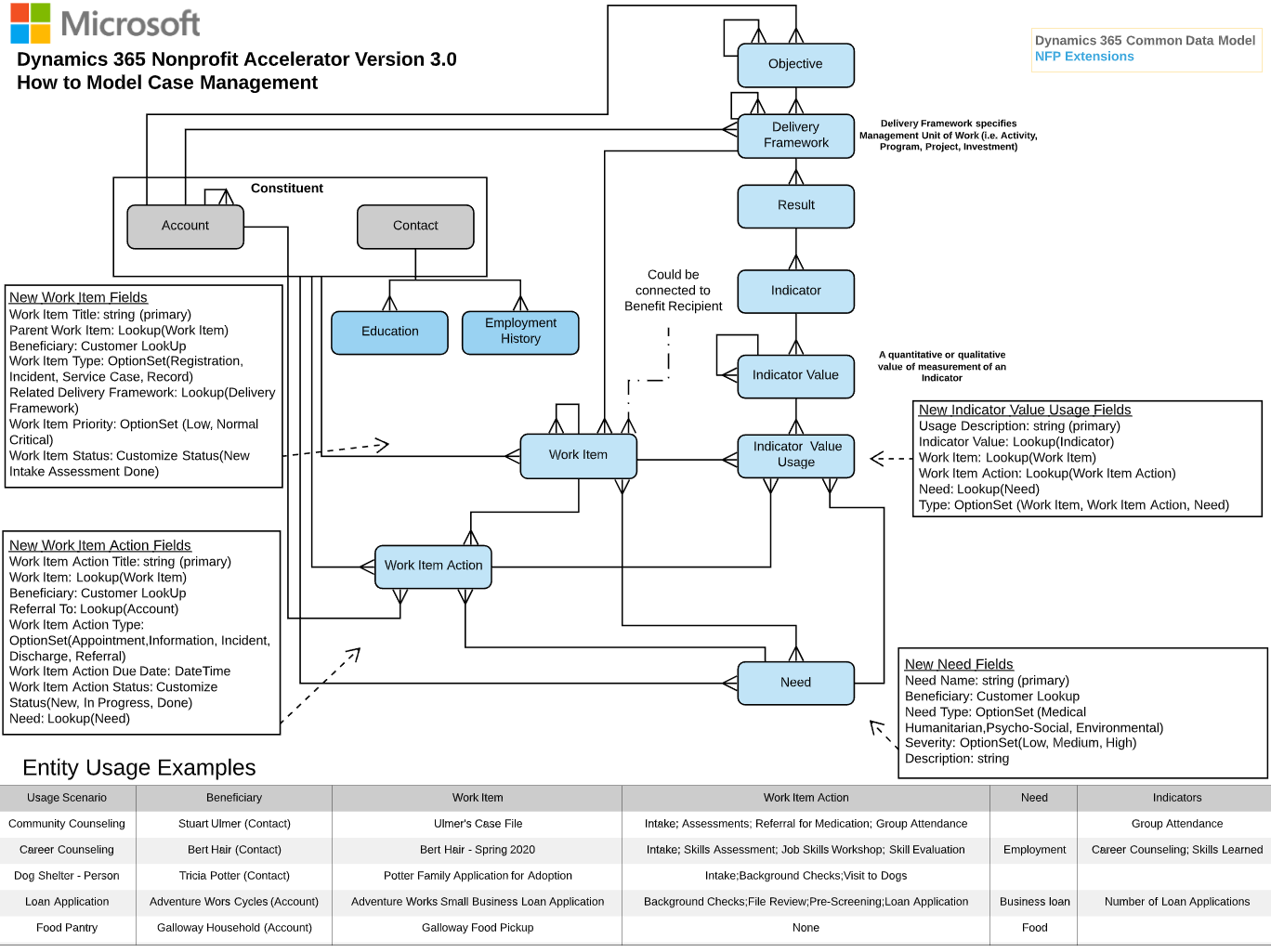


Figure 18: Diagram of Model of Case Management

## How to Model Project Management and Program Design

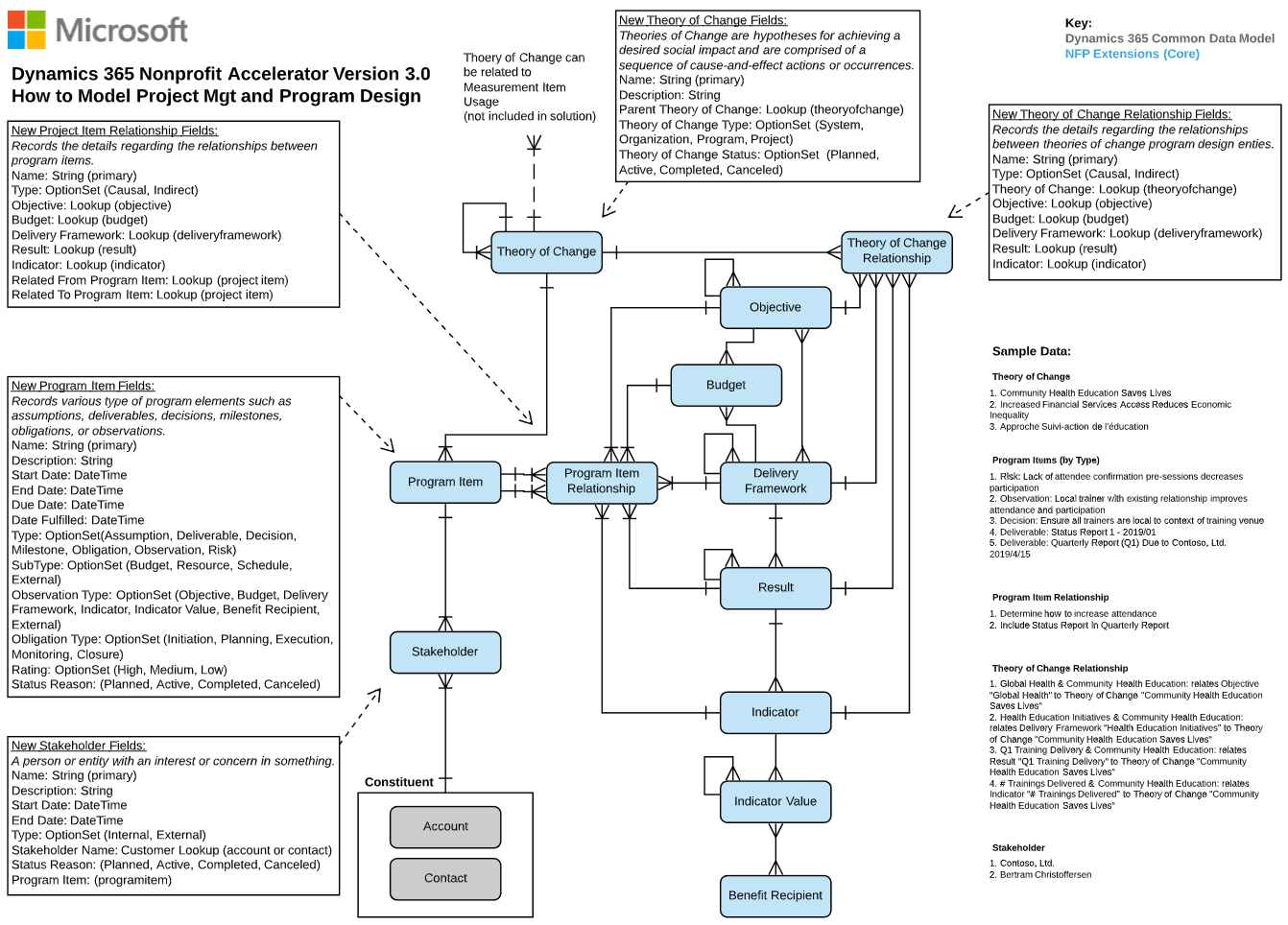


Figure 19: Diagram of Model Project Management and Program Design

## How to Model Assessment

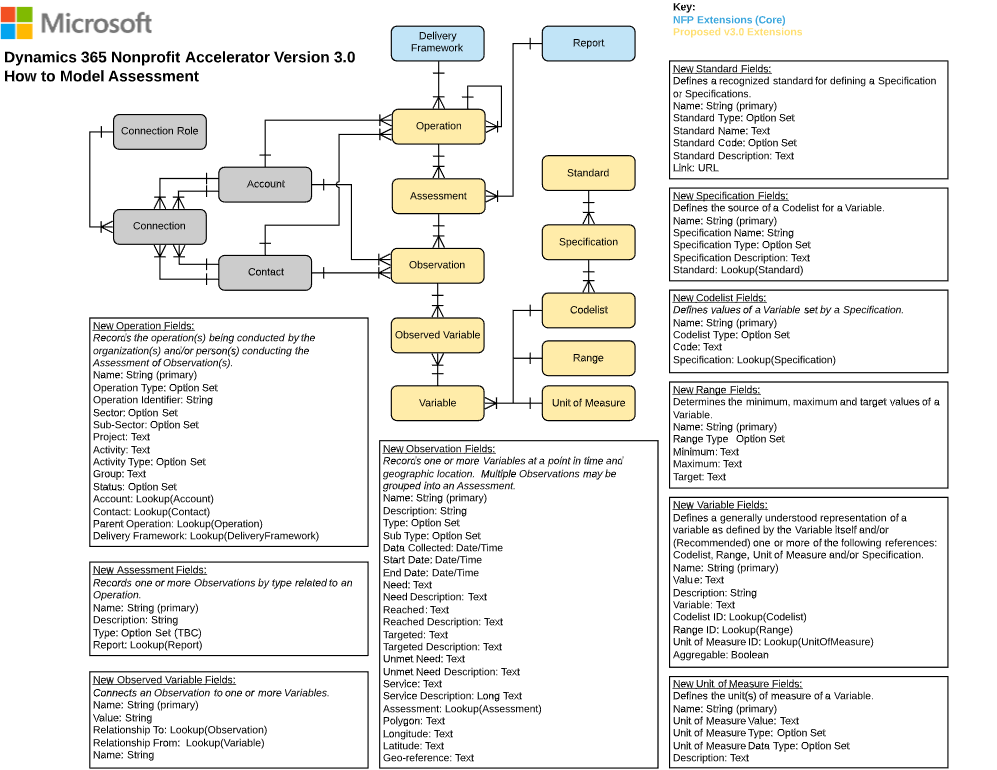


Figure 20: Diagram of Model Assessment

## How to Model Volunteer Management

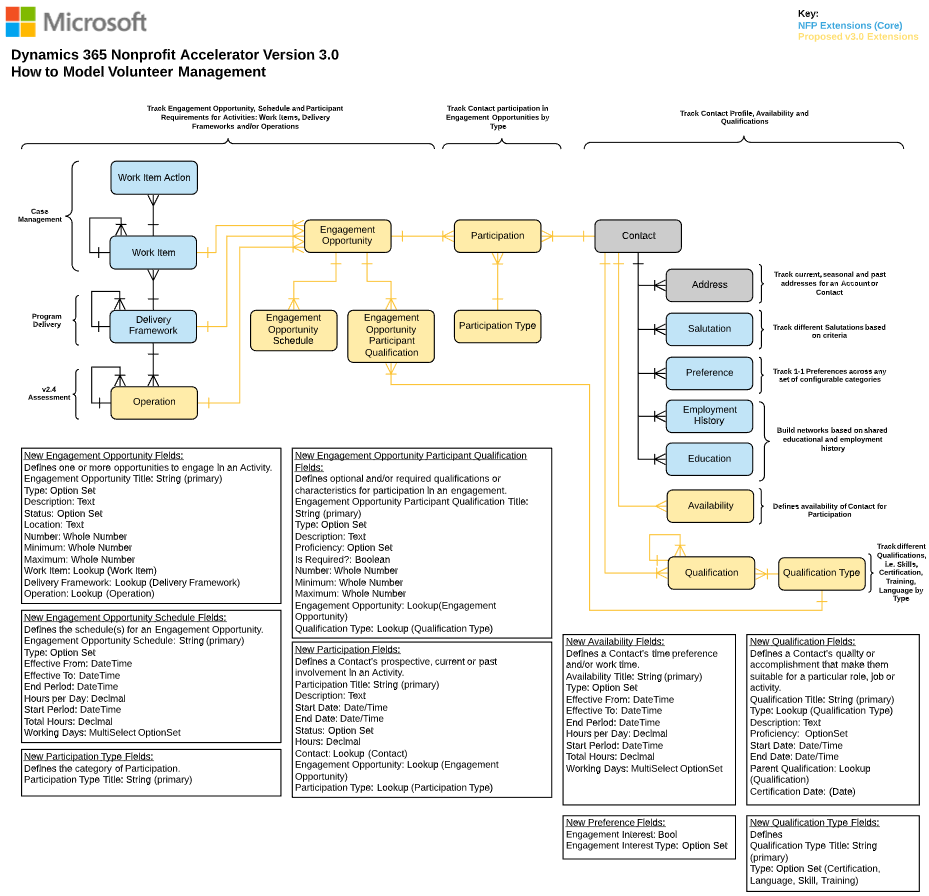


Figure 21: Diagram of Model Volunteer Management

## How to Model Frontline Humanitarian Logistics

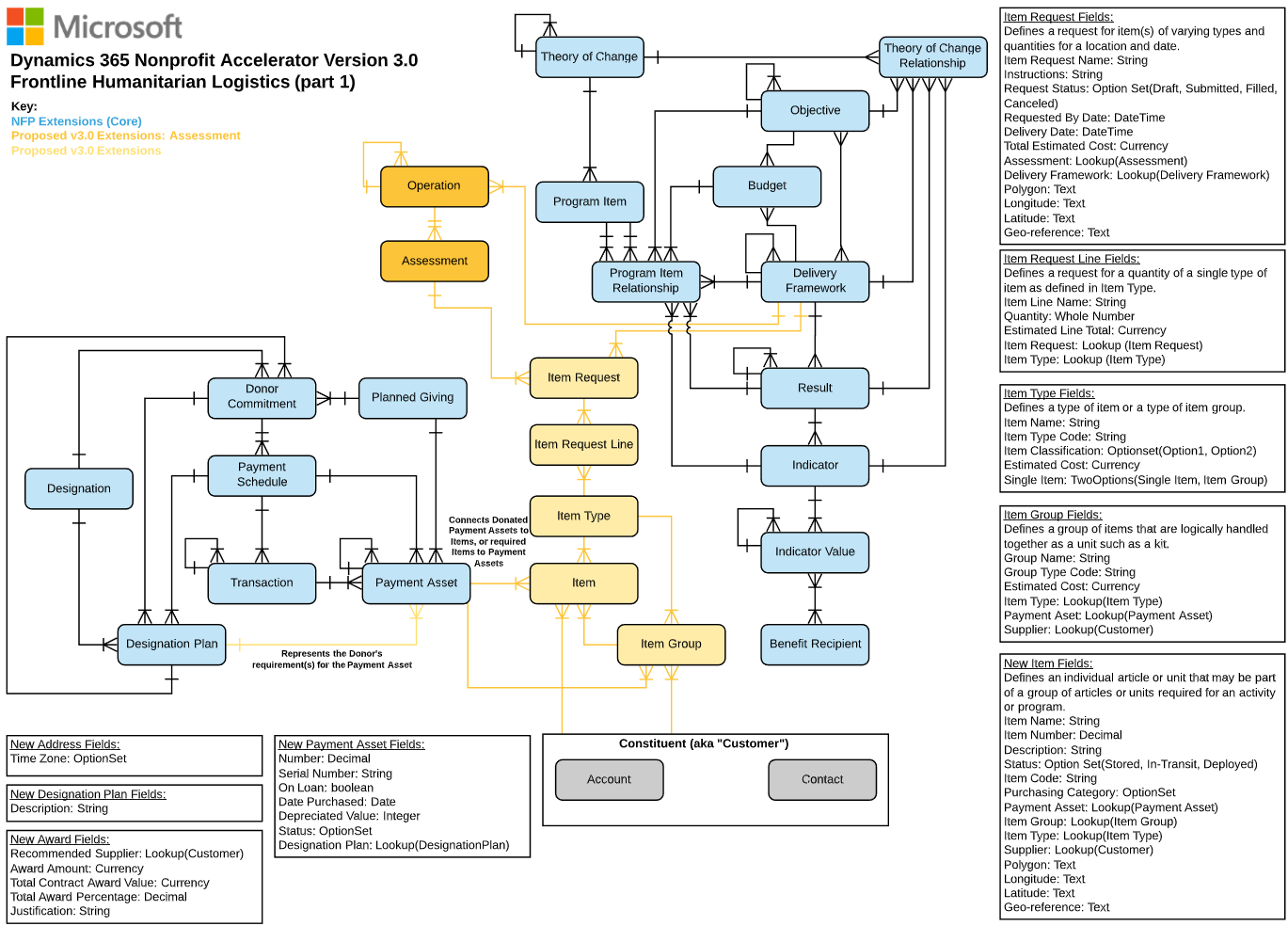


Figure 21: Diagram of Model Frontline Humanitarian Logistics