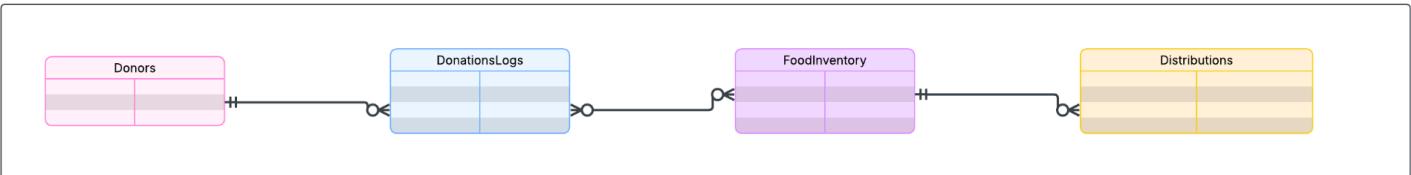
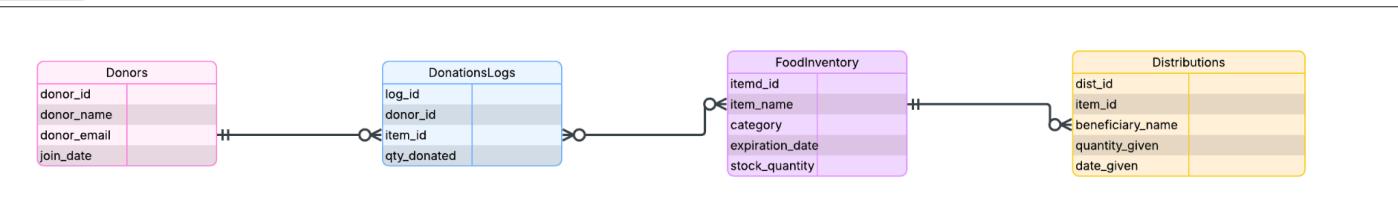


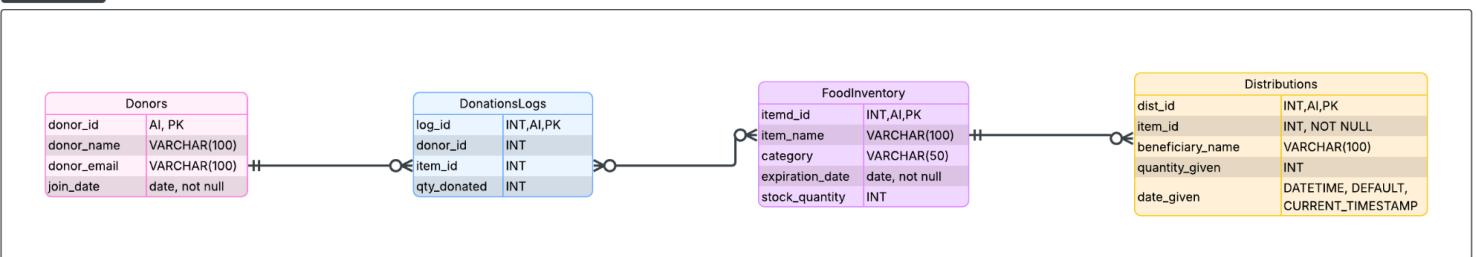
Conceptual



Logical



Physical



1. Conceptual Diagram

The **Conceptual Diagram** provides a high-level view of the system without technical details. It identifies the four main entities: Donors, DonationLogs, FoodInventory, and Distributions.

2. Logical Diagram

The **Logical Diagram** organizes our data into four main groups: Donors, DonationLogs, FoodInventory, and Distributions.

The Donors group contains attributes like the name and email so we know who gave the food. The FoodInventory group shows attributes like the stock quantity and expiration date to track the food status . Finally, the DonationLogs and Distributions groups include attributes like the quantity and date to record every transaction.

3. Physical Diagram

The **Physical Diagram** represents the actual database schema used for implementation. It specifies the technical details for every column, including Data Types (e.g., VARCHAR(100), INT, DATETIME) and Constraints (e.g., NOT NULL, AUTO_INCREMENT).