

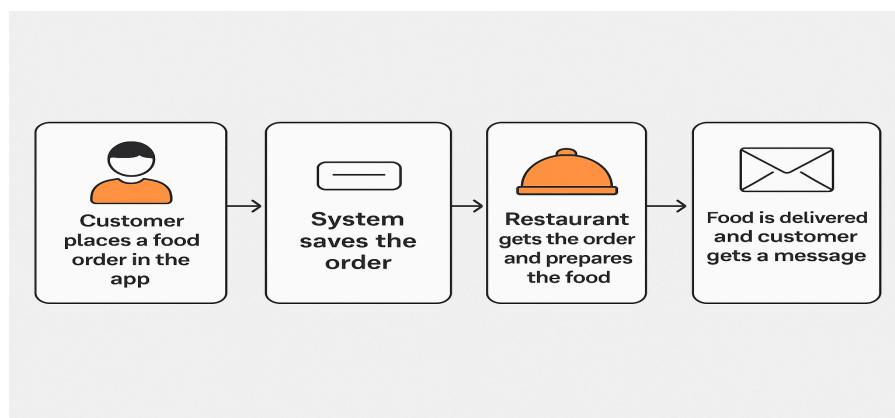
DATA FLOW DIAGRAMS & USER STORIES

Date	24 June 2025
Team ID	LTVIP2025TMID31177
Project Name	To Supply Leftover Food to Poor

A **Data Flow Diagram (DFD)** shows how **data moves** through a system — from input (donor) to processing (NGO & volunteer) to output (receiver).

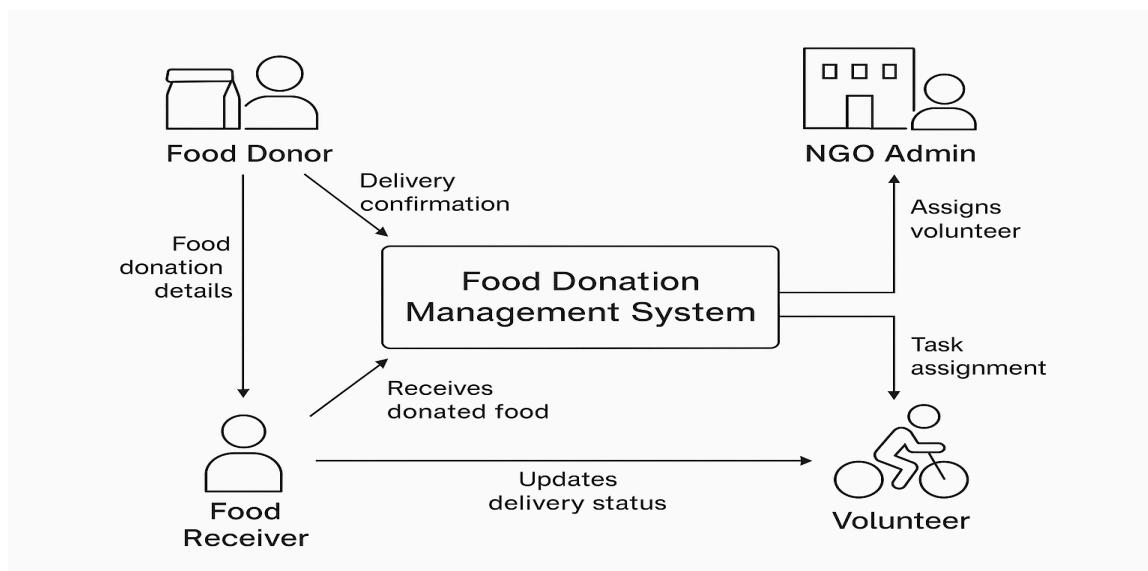
It helps in understanding how each part of the system interacts.

Example:



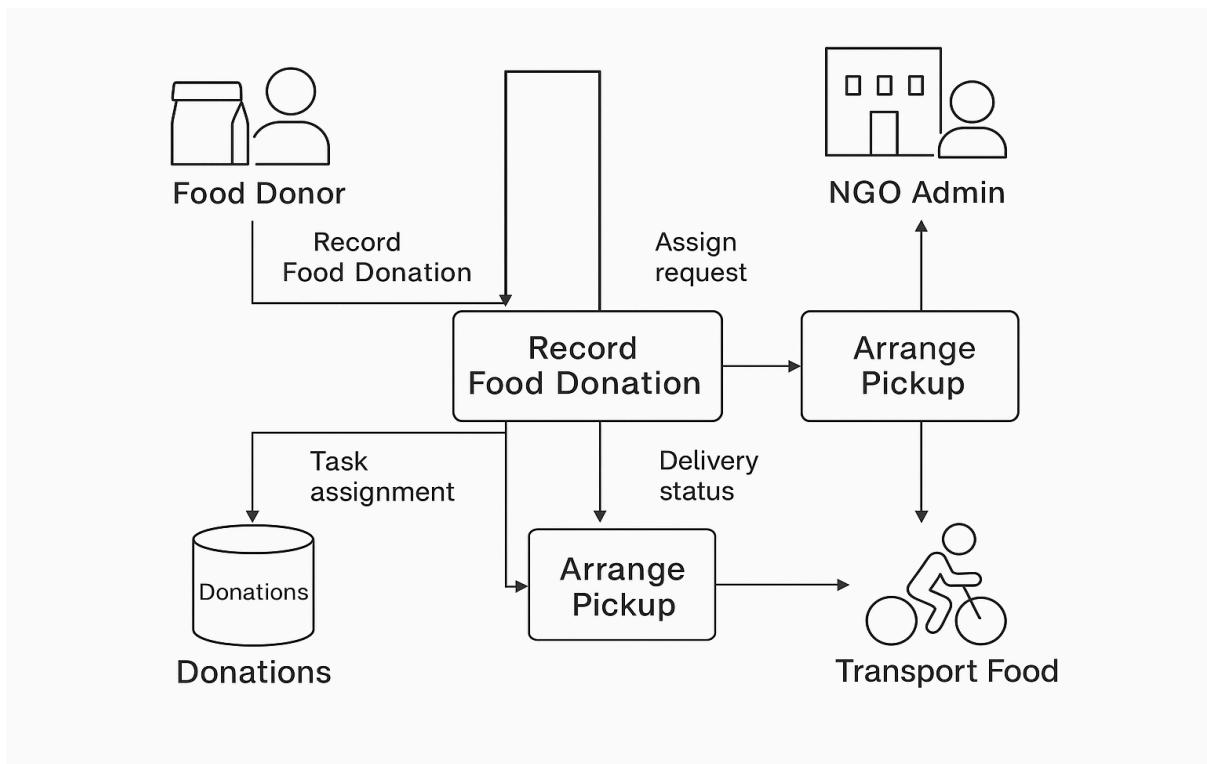
- Customer places a food order in the app.
- System saves the order.
- Restaurant gets the order and prepares the food.
- Delivery person is assigned.
- Food is delivered and customer gets a message.

Level 0 DFD :



- **Food Donor** submits food details (like quantity, type, location) to the system.
- **NGO Admin** views donation requests and manages task assignments.
- **Volunteer** receives tasks from the system and updates delivery status.
- **Food Receiver** gets the food delivered through the volunteer.
- The **system acts as a central hub**, connecting all users and handling data flow between them.

Level 1 DFD :



- Donor enters food details, which the system saves in the donation records.
- NGO checks the donation and assigns a suitable volunteer.
- The system sends pickup and delivery details to the volunteer.
- Volunteer picks up and delivers the food to the receiver.
- System stores the delivery status and sends confirmation to the donor.

User Stories:

User Stories

User Type	Functional Requirement (Epic)	User Story / Task	Acceptance criteria	Acceptance criteria	Priority
Food Donor	Registration	As a food donor, I can register my venue by providing its details and contact information	I can access donation dashboard	I can access the donation dashboard	High
Food Donor	Registration	As a food donor, I will receive a confirmation email after completing registration	I can receive confirmation email & click confirm	I can receive confirmation email & click confirm	High
Food Donor	Registration	As a food donor, I can sign up faster via Gmail	I can register using		Low
NGO Admin	Donation Management	As a food donor, I can sign up faster via Gmail			Medium
USN-5	USN-5	As an NGO admin, I can view a list of available donations on a dashboard	I can manage donations effectively	I can manage donations effectively	High
USN-5	Donation Management	As an NGO admin, I can view a list of available donations on a dashboard			Sprint-1