

Project Design Phase-II Data Flow Diagram & User Stories

Date	03-11-2025
Team ID	NM2025TMID05217
Project Name	To Supply Leftover Food to Poor
Maximum Marks	4 Marks

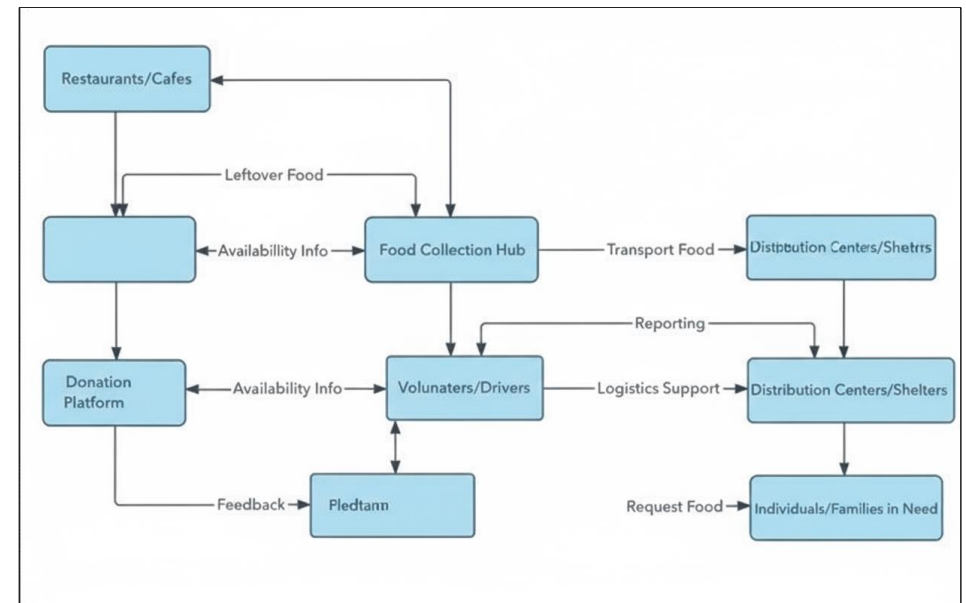
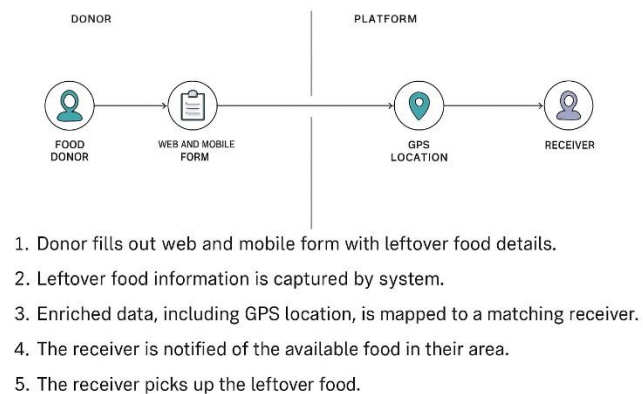
Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

In the project “**To Supply Leftover Food to Poor,**” Data Flow Diagrams (DFDs) illustrate how food donation requests are processed within the system. The DFD shows the interaction between the **venue manager ,volunteer, drop-off point, and the administrator** to ensure timely collection and delivery of leftover food . When a venue records food details, the system triggers an alert, assigns a nearby volunteer, and tracks delivery confirmation. The data is stored securely in Salesforce and displayed in real-time dashboards for monitoring and reporting.

Example:

Flow



User Stories:

User stories define what different users need from the system in simple, goal-focused language. In this project, they help ensure that food donations are managed, tracked, and delivered efficiently to reduce food wastage and support the needy.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Venue Manager	Food Donation Management	USN-1	As a venue manager, I want to record leftover food details in the system so that volunteers can be notified for collection.	The system should allow venues to enter food details and automatically send alerts to available volunteers.	High	Sprint-1
System (Automation)	Volunteer Assignment	USN-2	As a system, I must automatically assign the nearest available volunteer when a donation is added.	Volunteer is assigned instantly, and a notification is sent with pickup location and timing.	High	Sprint-1
Volunteer	Food Collection and Delivery	USN-3	As a volunteer, I want to view assigned food donations and confirm delivery to ensure timely distribution.	Volunteer should be able to update the pickup and delivery status successfully.	Medium	Sprint-2