

Project Design Phase-II

Data Flow Diagram & User Stories

Date	02 November 2025
Team ID	NM2025TMID04225
Project Name	To Supply Leftover Food to Poor
Maximum Marks	4 Marks

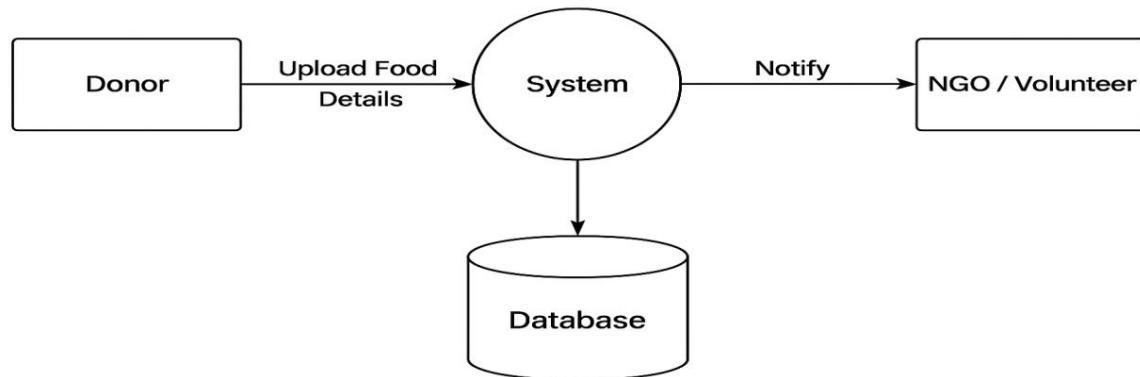
Data Flow Diagrams:

A Data Flow Diagram (DFD) is a graphical representation of how data flows within a system. It helps visualize inputs, processes, storage, and outputs, showing how different components of the system interact with each other.

In the project “To Supply Leftover Food to Poor”, the DFD represents how information moves between donors, NGOs/volunteers, and the system. The process starts when a donor uploads leftover food details. The system stores this data, notifies nearby NGOs or volunteers, and allows them to confirm pickup and delivery. The admin monitors all activities and generates reports on donations and food distribution.

This ensures efficient food redistribution, reduces wastage, and helps the needy receive timely food support.

Example:



User Stories:

User stories describe the system's functionality from the perspective of its end users. In this project, they ensure the platform effectively connects food donors with NGOs and volunteers for smooth food collection and delivery.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Donor	Donor Registration & Food Listing	USN-1	As a donor, I want to register and upload leftover food details with location and quantity.	The donor should be able to register successfully and add food details that are visible to nearby NGOs.	High	Sprint-1
NGO / Volunteer	Food Pickup & Distribution	USN-2	As a volunteer, I want to view available food donations and confirm pickups for delivery.	Volunteers can view all nearby donations and update the status once the food is collected.	High	Sprint-2
System (Auto-Notify)	Notification & Tracking	USN-3	As a system, I want to send alerts to NGOs when new food donations are available.	Automatic notifications are sent to registered NGOs/volunteers when donors upload food details.	Medium	Sprint-2
Admin	Monitoring & Reporting	USN-4	As an admin, I want to track all donations and generate reports on food collection and delivery.	Admin can view statistics, completed deliveries, and monitor activities through reports.	Medium	Sprint-3