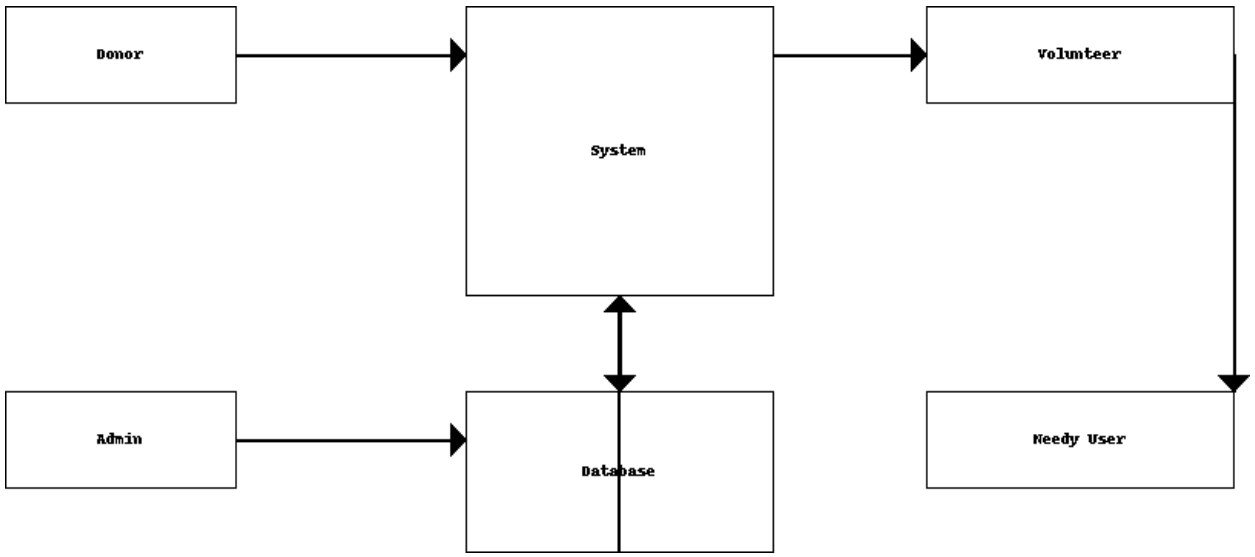
DATA FLOW DIAGRAM & USER STORIES

Date	**04 november 2025**
Team ID	**NM2025TMID04293**
Project Name	**To supply leftover food to poor**
Maximum Marks	**5 Marks**

Data Flow :

The data flow in the leftover food supply system begins when donors such as hotels, restaurants, hostels, or event organizers submit details of available leftover food, including type, quantity, location, and time. This information is received and stored in the system database. The system then displays the food donation requests to registered volunteers. Volunteers review the details and choose a suitable donation to collect. Once a volunteer accepts a request, the system updates the status and assigns the task. The volunteer then picks up the leftover food from the donor location and delivers it to needy individuals or community centers. After successful delivery, the volunteer updates the completion status in the system. Admin monitors the entire process, verifies users, ensures data accuracy, and generates reports. Thus, the data flows smoothly between donors, the system, volunteers, and beneficiaries to ensure timely and safe food distribution.

User Stories :



User stories are short descriptions of what a user needs from a system.
They help developers understand the user's requirement and the purpose of that feature.

ID	User Story	Effort (Story Points)
R.1	As a **Food Donor** (hotel/restaurant/hostel), I want to upload leftover food details with quantity, location, and photo so that volunteers can pick it up easily.	8
R.2	As a **Volunteer**, I want to view available leftover food donations and accept a pickup request so that I can collect and deliver food to the needy.	5
R.3	As a **Volunteer**, I want to update the delivery status (Picked Up / Delivered) so that the system keeps a record of successful food distribution.	3
R.4	As an **Admin**, I want to verify donors and volunteers and monitor donation activity so that the system remains trustworthy and efficient.	5