

## Ideation Phase

### Define Problem Statement

|               |                                  |
|---------------|----------------------------------|
| Date          | 02 NOVEMBER 2025                 |
| Team ID       | D62F116B4D1897894BB441A9447B6D32 |
| Project Name  | To Supply Leftover Food to Poor  |
| Maximum Marks | 4 Marks                          |

#### **Problem:**

Every day, large quantities of edible food go to waste across restaurants, hotels, and events, even as thousands of people struggle with hunger. The absence of an organized system to efficiently collect, track, and distribute surplus food results in missed opportunities to address food insecurity and reduce waste.

#### **Solution:**

Develop a **Salesforce-based Food Distribution Management System** that connects **donors, volunteers, and NGOs** through a unified platform. This system will enable real-time tracking, efficient logistics, and transparent processes to ensure that surplus food is safely and quickly delivered to those in need — enhancing both **efficiency** and **accountability** in the food donation ecosystem.

| Role             | Description   | Key Responsibilities                      |
|------------------|---|---|
| <b>Donor</b>     | Restaurants, hotels, or event organizers with surplus food  | Upload food details, schedule pickups     |
| <b>Volunteer</b> | Individuals or groups who help collect and distribute food  | Pick up and deliver food to NGOs          |
| <b>NGO</b>       | Organizations that receive and distribute food to the needy | Confirm receipt, manage distribution      |
| <b>Admin</b>     | System manager using Salesforce                             | Monitor operations, maintain transparency |

## Food Distribution Management System Process

|   |   |
|---|---|
| 7 | <b>Admin Monitors Operations</b><br>Admins oversee the system to ensure efficiency          |
| 6 | <b>NGO Distributes Food</b><br>NGOs distribute the food to those in need                    |
| 5 | <b>NGO Confirms Receipt</b><br>NGOs acknowledge the receipt of the food                     |
| 4 | <b>Volunteer Delivers Food to NGO</b><br>Volunteers transport the food to NGOs              |
| 3 | <b>Volunteer Picks Up Food</b><br>Volunteers collect the food from donors                   |
| 2 | <b>Volunteer Schedules Pickup</b><br>Volunteers arrange to collect the food                 |
| 1 | <b>Donor Uploads Food Details</b><br>Restaurants and hotels upload surplus food information |

A simple table that represents the participants and their roles in the **Food Distribution Management**.