

NAAN MUDHALVAN PROJECT REPORT

**SB8067 - SALESFORCE DEVELOPER
“TO SUPPLY LEFT OVER FOOD TO POOR“**

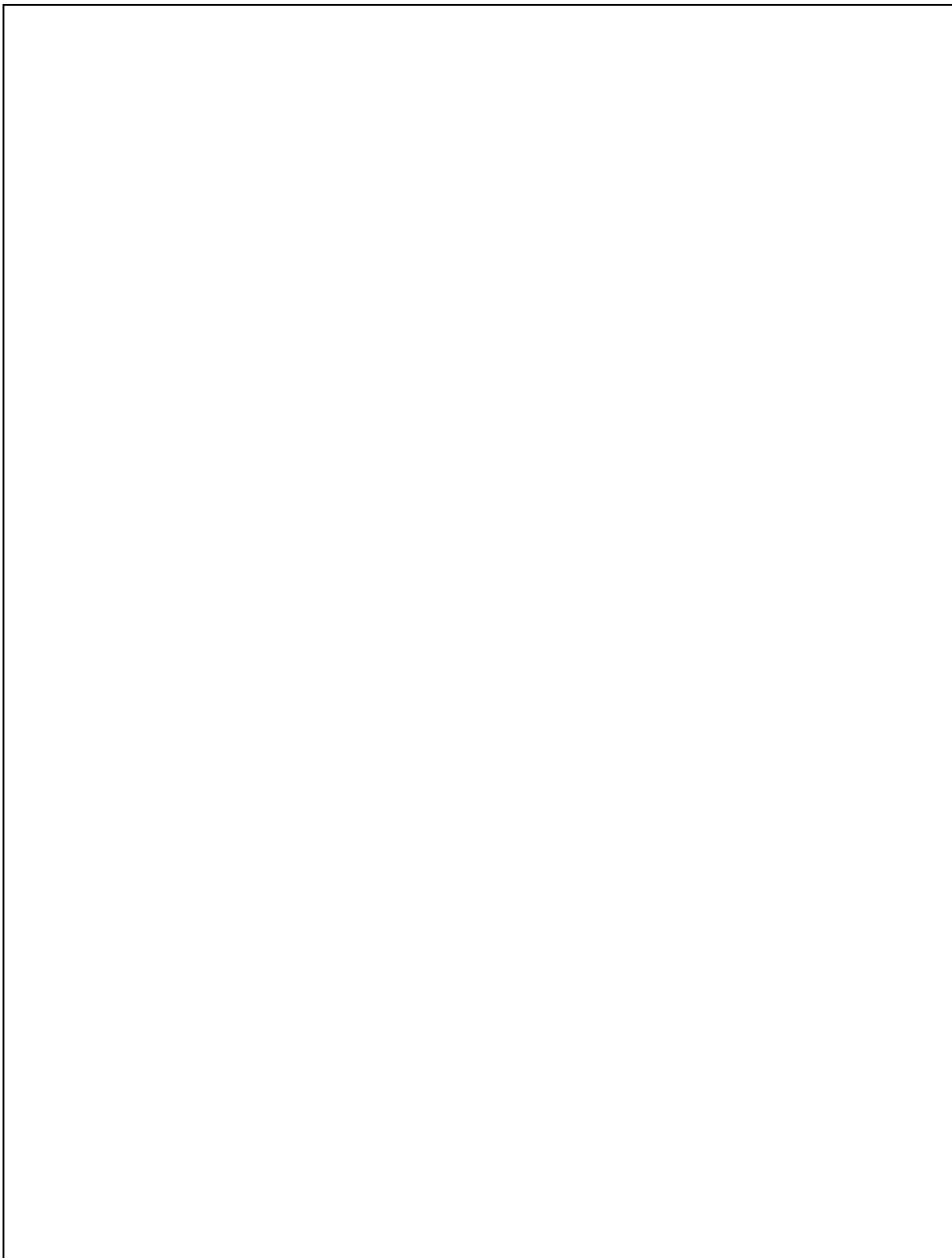
Submitted By:

**THIVAKAR.S (912022205021)
UDHAYA . K (912022205022)
VAIRAVAN . K (912022205023)
VIGNESH. M (912022205024)
VIJAY . M (912022205025)**



***PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE
SIVAGANGAI***

**ANNA UNIVERSITY: CHENNAI - 600 025
NOV- DEC 2025**



1. Ideation Phase — Apply Leftover Food to Poor

Introduction

The Ideation Phase establishes a digital platform to collect surplus/leftover food from restaurants, events, and households and deliver it to underprivileged communities through registered NGOs and volunteers. The goal is to reduce food waste while addressing hunger in urban and semi-urban areas.

Problem Identification

- ☐ Large quantities of edible leftover food are discarded daily from events, hotels, and canteens.
- ☐ NGOs and volunteers lack a coordinated, timely system to collect and distribute surplus food.
- ☐ Donors need a simple process to notify availability and arrange pickup.
- ☐ Food safety and timely delivery are critical to avoid health risks.

Brainstorming Solutions

- ☐ Build a web platform for donors (restaurants/events/individuals), NGOs, and volunteers to coordinate pickups.
- ☐ Integrate scheduling, geolocation for pickups, short-term inventory tracking, and notifications.
- ☐ Add food-safety checklists and time-window constraints; provide a quick verification flow for receiving organizations.
- ☐ Provide analytics to understand hotspots for surplus generation and demand.

Idea Selection Criteria

- ☐ Feasibility with open-source web tech.
- ☐ Usability for non-technical NGO staff and volunteers.
- ☐ Speed of implementation and clarity of workflow to protect food safety.

1. Purpose of the Project

"Our goal is to build a smart digital solution using Salesforce to collect information about leftover food donors and connect them to nearby people or volunteers who can distribute it to the poor before the food gets wasted."

2. Target Audience / Beneficiaries

- Homeless and needy people
- Shelter homes
- Volunteers and NGOs
- Hotels, event halls, restaurants, and individuals willing to donate food

3. Challenges Identified

- Food wastage due to lack of coordination
- No real-time system to track nearby donors
- Delay in delivery resulting in spoiled food
- No organized platform to manage volunteer assignment

4. Proposed Solution

"We propose a cloud-based platform built in Salesforce where:

- ✓ Donors can register leftover food details
- ✓ Drop-off locations are recorded
- ✓ Distance is calculated automatically
- ✓ Nearest volunteer or distributor gets access
- ✓ Data is tracked using dashboards and automation"

5. Innovation and Technology Used

| Feature | Technology Used |
|-----------------|---------------------------|
| Data Management | Salesforce Custom Objects |

| | |
|-------------------|-----------------------------------|
| Automation | Apex Trigger, Flow Builder |
| Distance Tracking | Custom Fields & Logic |
| Visualization | Salesforce Dashboard & Reports |
| Collaboration | Sharing Rules (based on distance) |

6. Expected Social Impact

- Reduce food wastage in the community
- Deliver food on time while safe to consume
- Help poor and homeless people get meals
- Build a well-connected donation network
- Encourage social responsibility using technology

7. Documentary Flow Outline

1. Introduction about food wastage
2. Real-life problem statements
3. Idea of connecting donors and needy
4. Introducing Salesforce as the solution
5. Step-by-step system demo
6. Dashboard and results
7. Message to society
8. Conclusion & Call to action

8. End Message for Documentary

“Food is not waste until wasted. With the power of technology and humanity, we can ensure every meal reaches someone in need.”