Title:- To Supply Leftover Food To Poor Using Salesforce…

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Project Overview : Food wastage is a critical issue when large quantities of edible food are discarded while many people remain hungry. This project uses Salesforce CRM to build an application that manages the collection and distribution of leftover food. The system connects donors, drop-off points, volunteers, and NGOs to streamline the supply chain. With the help of custom objects, flows, triggers, and reports, the process is automated and transparent. The project demonstrates how technology can be applied to reduce food wastage and serve social welfare.

Objectives :

- **Enhance Food Distribution Efficiency:** Enable real-time tracking of leftover food collection and delivery to needy recipients.
- **Ensure Transparency:** Maintain accurate records of donations and recipient details to improve accountability.
- **Improve Volunteer Coordination:** Automate scheduling, notifications, and task assignments for volunteers.
- **Optimize Resource Management:** Track surplus food inventory and allocation for minimal waste.
- **Enhance Real-Time Visibility:** Provide live updates of available leftover food and its distribution status for donors, volunteers, and receivers.
- **Promote Social Impact:** Build a transparent and efficient system that encourages more participation from donors and volunteers in helping the poor.

Student Outcomes :

- **Hands-on Experience with Food Distribution Automation:** Students gain practical skills in configuring Salesforce objects, automating workflows, and managing real-time donation tracking.
- **Understanding of Project Lifecycle in Social CRM:** Students learn the complete end-to-end process from requirement gathering to deployment, enhancing their ability to execute real-world Salesforce projects.
- **Enhanced Analytical and Problem-Solving Skills:** Students develop the ability to identify operational challenges, design solutions, and troubleshoot issues effectively.
- **Improved Collaboration Skills:** Students gain experience in working as a team, coordinating tasks like requirement gathering, development, and testing.
- **Industry-Relevant Exposure:** Students get exposure to real-world use cases of Salesforce CRM in social good projects, preparing them for future career opportunities.

System Requirements :

Hardware Requirements:

- Computer with min/sum 4 GB RAM, Dual-core processor
- Stable internet connection

Software Requirements:

- Salesforce Developer Edition Org
- Modern Web Browser (e.g., Google Chrome, Firefox)

Phases Overview :

Phase No.	Phase Name	Description	Page Numbers
1	Ideation Phase	We thought of an idea to use Salesforce to connect restaurants or events that have leftover food with poor people or NGOs who need it. The goal is to reduce food waste and help the needy.	4
2	Project Planning phase	We planned how to do the project, decided what features to add, set timelines, and divided work among the team.	4
3	Project Design Phase	We designed how the system will look and work. We made simple layouts for pages where restaurants can post leftover food and NGOs can request it.	13
4	Requirement Analysis	We collected what users need — like restaurants needing an easy way to share food details and NGOs needing quick updates about available food.	33
5	Performance Testing	We tested the system to make sure it works fast, handles data properly, and runs smoothly when many people use it.	424