NAAN MUDHAVALVAN- SALESFORCE REPORT

TO SUPPLY LEFTOVER FOOD TO POOR

PROJECT CREATED BY
B.Tech –V SEMESTER

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❖ Project Overview:

The project "To Supply Leftover Food to Poor" aims to establish a streamlined system where leftover food from restaurants, cafes, and food events can be efficiently collected and redistributed to underprivileged communities. The system leverages Salesforce to connect food donors (restaurants, food vendors, etc.) with charitable organizations, NGOs, or volunteers who distribute food to those in need. This approach will ensure minimal food waste while addressing hunger in local communities.

❖ Objectives:

- **Reduce Food Waste**: Minimize the amount of food discarded by businesses and individuals by redistributing leftover food to those who need it most.
- **Streamline Logistics**: Create an efficient system for food donation collection and distribution.
- **Increase Awareness and Participation**: Encourage more businesses to participate in food donation programs by providing an easy-to-use platform for managing food donations.
- **Ensure Safety and Compliance**: Ensure that donated food meets health and safety standards before being distributed to recipients.
- **Track Donations and Impact**: Use Salesforce to track the progress and impact of food donations, ensuring transparency and accountability.

❖ Key Features and Salesforce Concepts Utilized:

❖ Centralized Data Management

Utilize **Salesforce CRM** to manage donor information (restaurants, households, events) and recipient details (NGOs, shelters, communities) in one platform, ensuring seamless coordination.

❖ Automation of Processes

Leverage **Flow** and **Process Builder** to automate food collection requests, scheduling pickups, and sending notifications to volunteers or beneficiaries.

❖ Real-Time Tracking and Analytics

Use **Reports and Dashboards** for real-time tracking of food collection, storage, distribution metrics, and impact analysis, aiding data-driven decision-making.

❖ Detailed Steps to Solution Design:

STEP 1:Identify key stakeholders: food donors (restaurants, events, households), logistics providers, NGOs, volunteers, and recipients.

STEP 2:Create a workflow covering food collection, storage, transportation, and distribution.

STEP 3:Use **Salesforce CRM** to centralize donor, volunteer, and beneficiary data.

STEP 4:Enable real-time communication through **Chatter** or **Experience Cloud** for donors, volunteers, and administrators.

STEP 5:Implement **Role Hierarchies**, **Profiles**, and **Permission Sets** to control access to sensitive information.

STEP 6:Build **Dashboards** for tracking food collection volumes, delivery timelines, and impact metrics (e.g., meals served).

STEP 7:Create custom **Reports** for operational analysis and transparency with stakeholders.

STEP8: operations by onboarding new donors, extending geographic coverage, and adding features based on feedback.

➢ Testing and Validation:

- ❖ Functional Testing: Ensure all features of the system (donation tracking, pickup scheduling, etc.) work as expected.
- ❖ Integration Testing: Verify integrations with external services (logistics systems, food safety databases).
- ❖ User Testing: Gather feedback from real users (donors, volunteers, food banks) to ensure ease of use and smooth user experience.
- ❖ Performance Testing: Ensure the system can handle high volumes of donations and activities, especially during peak times (e.g., holidays or large events).

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❖ Key Scenarios Addressed

Food Collection
Partner with restaurants, events, and households to collect edible leftover food while maintaining quality standards.

- **Safe Storage and Transport**
  Use proper storage and refrigerated transport to ensure food remains fresh and safe during delivery.
- **Identifying Beneficiaries**
  Collaborate with local NGOs, shelters, and community leaders to identify and reach those in need.
- **Timely Distribution**
  Establish an efficient system to deliver food quickly, minimizing spoilage and ensuring it benefits recipients.
- **Health and Safety Compliance**
  Ensure food handling adheres to safety regulations to protect recipients' health.
- **Community Awareness and Sustainability**
  Raise awareness about food waste, encourage donations, and create a scalable, sustainable model for long-term impact.

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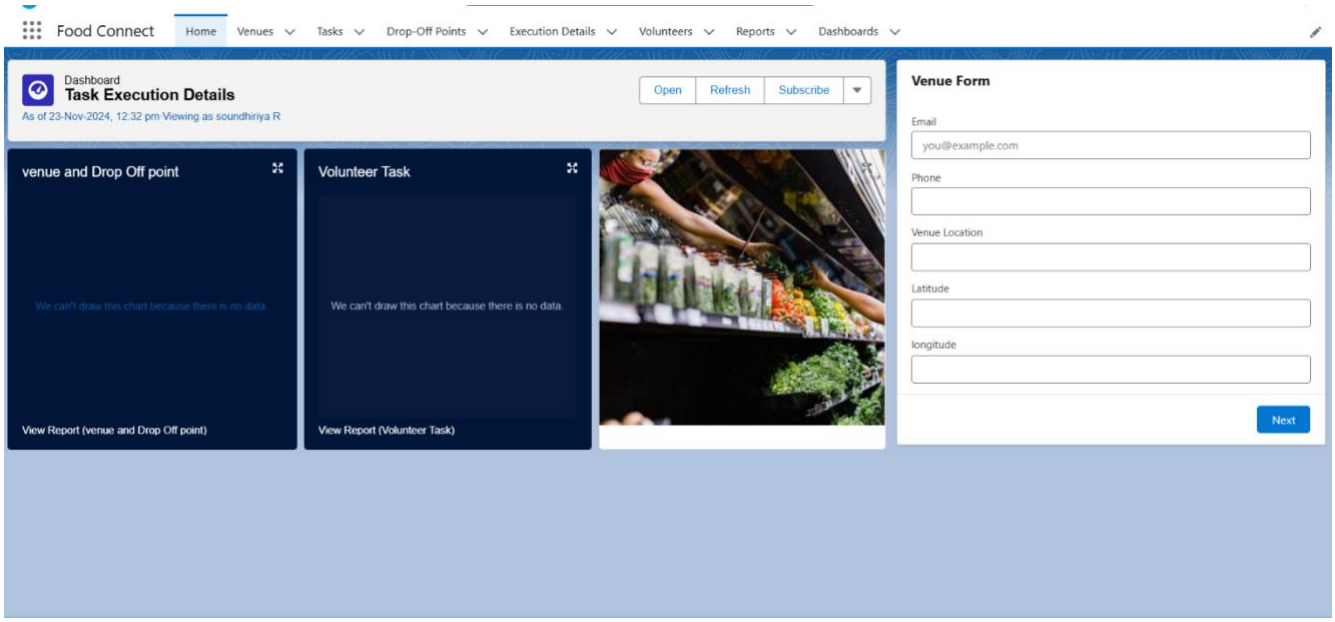
❖ Conclusion

The "To Supply Leftover Food to Poor" project offers a powerful solution to tackle both food waste and hunger. By leveraging Salesforce's suite of tools, the project ensures that food donations are effectively tracked, efficiently managed, and safely distributed to those in need. The integration of automation, custom workflows, and reporting capabilities will streamline operations and enable all stakeholders to collaborate seamlessly. Ultimately, the use of Salesforce in this project will not only improve the food redistribution process but will also provide measurable impact, allowing stakeholders to see the real difference being made in the fight against hunger.


Food Connect
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Tasks
Drop-Off Points
Execution Details
Volunteers
Reports
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Phone
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