

To Supply Leftover Food To Poor – Dashboard Performance Testing

Date	26 June 2025
Team ID	LTVIP2025TMID31149
Project Name	To Supply Leftover Food To Poor
College Name	Ideal Institute Of Technology

Overview:

This document outlines the performance testing details specifically related to two key dashboards in the Salesforce-based **Leftover Food Supply Management System**. These dashboards are essential for providing real-time visibility into food donation volumes, pickup efficiency, and distribution coverage for system users, including volunteers, donors, and administrators.

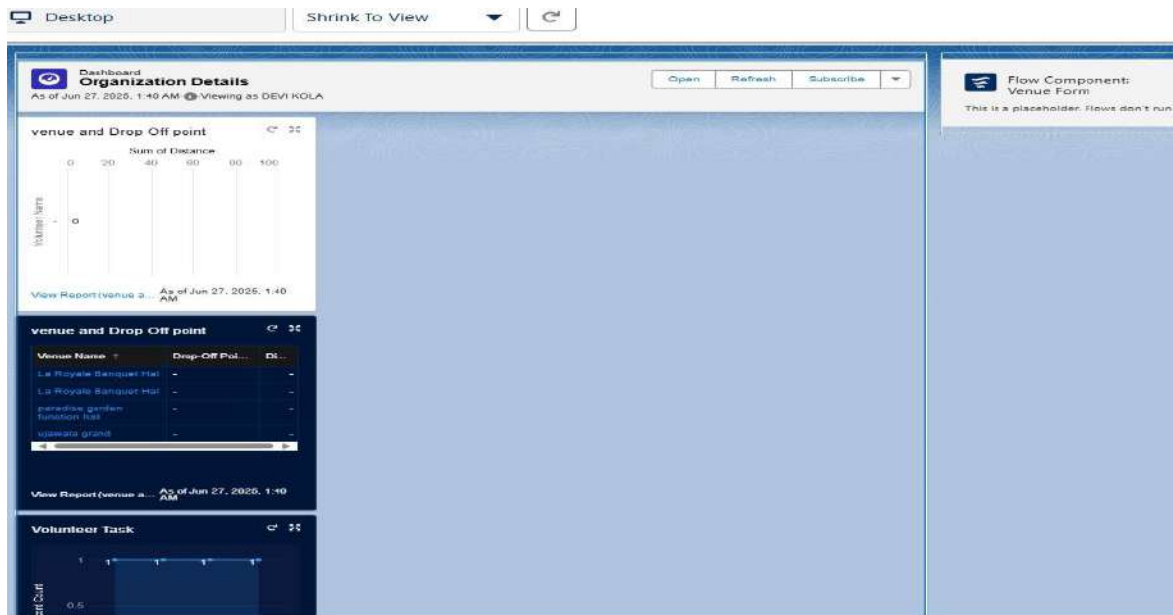
Objective:

To ensure that the **Food Donation Management System** performs reliably under varying workloads — maintaining speed, scalability, and system stability during real-time operations such as donation tracking, pickup scheduling, and food distribution.

Dashboard 1 – Operational Summary Dashboard

Dashboard 1 offers a high-level operational overview for food donation managers and coordinators to monitor key logistics and donation data. It includes:

- Total food donations per source (restaurants, households, events)
- A gauge for daily pickup targets vs. completed pickups
- A real-time distribution status report showing quantities delivered and pending by location

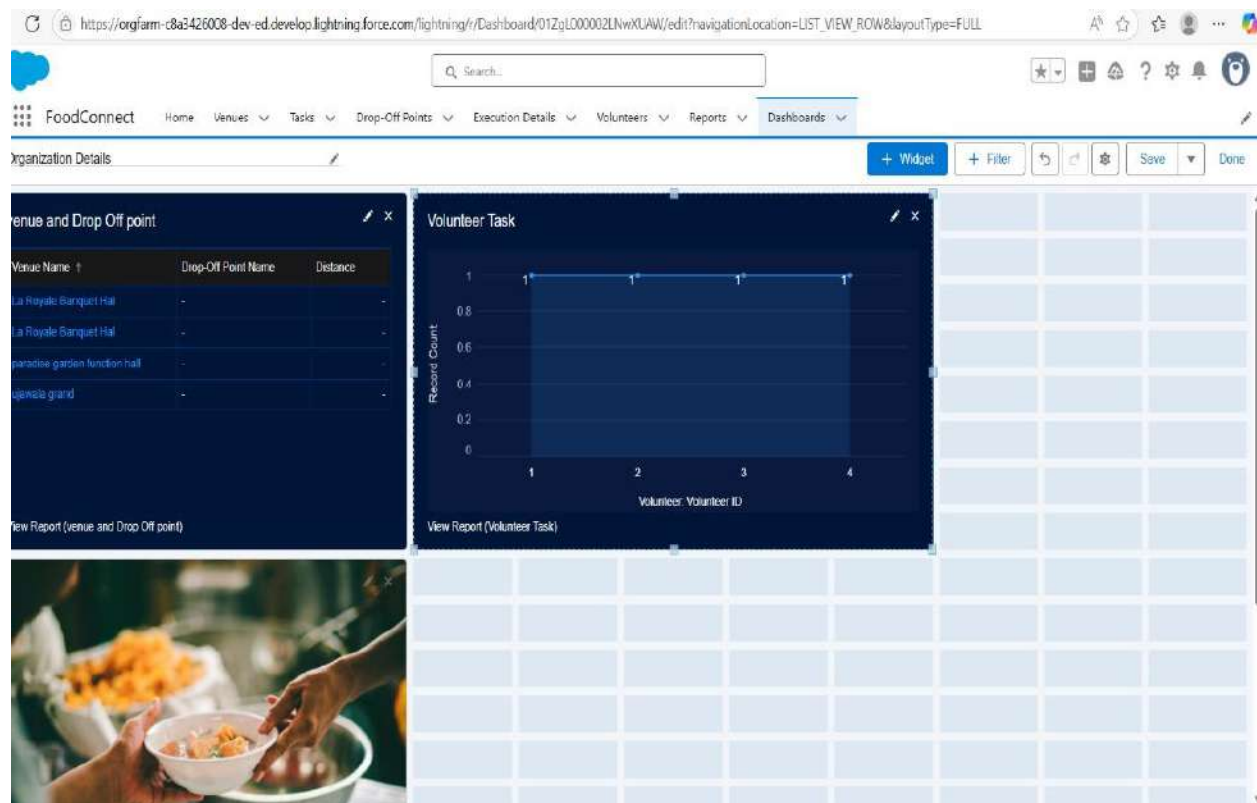


Dashboard 1 – Operational Summary Dashboard:

Component Name	Component Type	Data Source	Purpose
Donations by Source Report	Bar Chart	Donation Object	Visualize quantity of food donated per source type
Pickups vs. Capacity Gauge	Gauge	Pickup Request Object	Show current pickup status vs. daily volunteer capacity
Distribution Overview Report	Tabular	Delivery Log Object	Display delivered vs. pending food across locations

Performance Observations:

Metric	Observed Value	Target Threshold
Dashboard Load Time	~2.8 seconds	< 3 seconds
Max Records Displayed	10	≤ 50
Gauge Render Time	1.3 seconds	< 2 seconds



Dashboard 2 – Analytical Insights Dashboard:

Component Name	Component Type	Data Source	Purpose
Donation Funnel Report	Funnel Chart	Donation Object	Visualize donation lifecycle (offered → picked up → delivered)
Food Type Distribution Chart	Bar Chart	Donation + Food Item Object	Visualize donation breakdown by food type (cooked/packaged/raw)
Donation Trend Report	Line Chart	Donation + Delivery Logs	Show donation and distribution trends over time

Performance Observations:

Metric	Observed Value	Target Threshold
Dashboard Load Time	~3.1 seconds	< 3.5 seconds
Line Chart Responsiveness	Smooth	Responsive
Funnel Chart Load Time	Moderate	< 2 seconds