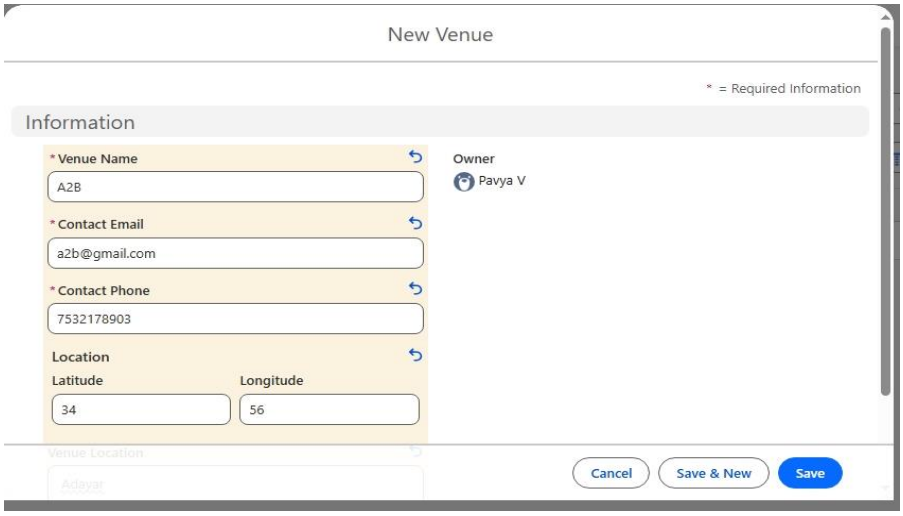
Performance and Testing

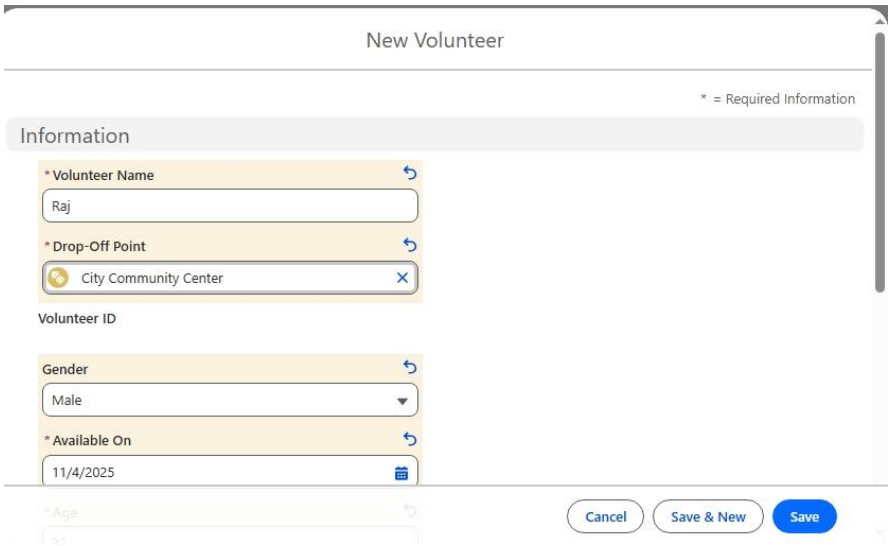
Date	02 November 2025
Team ID	NM2025TMID04225
Project Name	To Supply Left over Food to Poor
Maximum Marks	4 Marks

Model Performance Testing

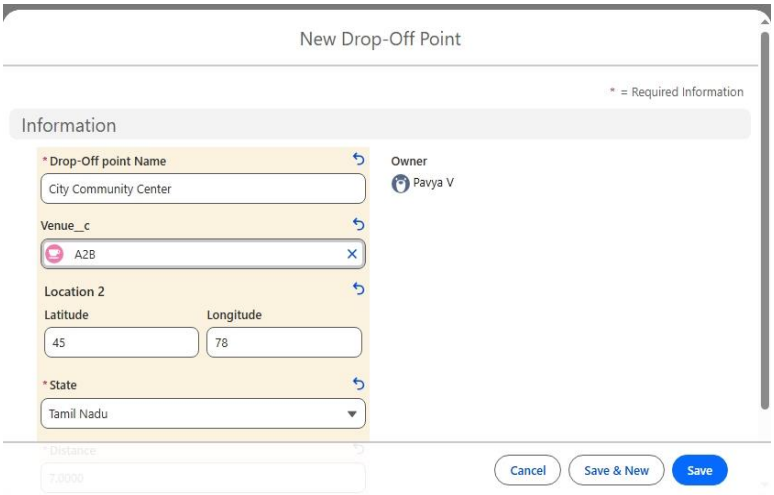
Venue data Creation



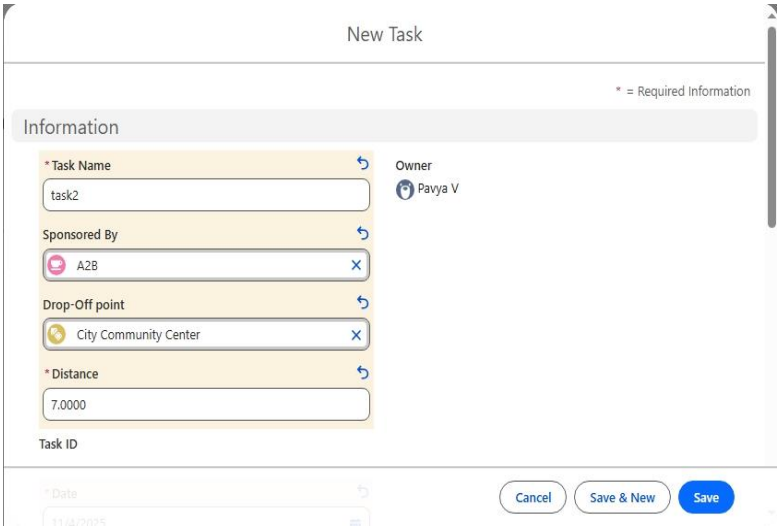
Volunteer data Creation



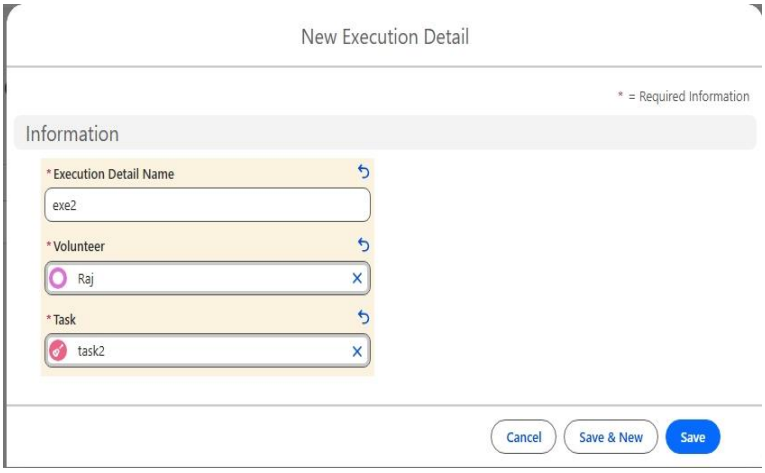
Drop-Off data Creation



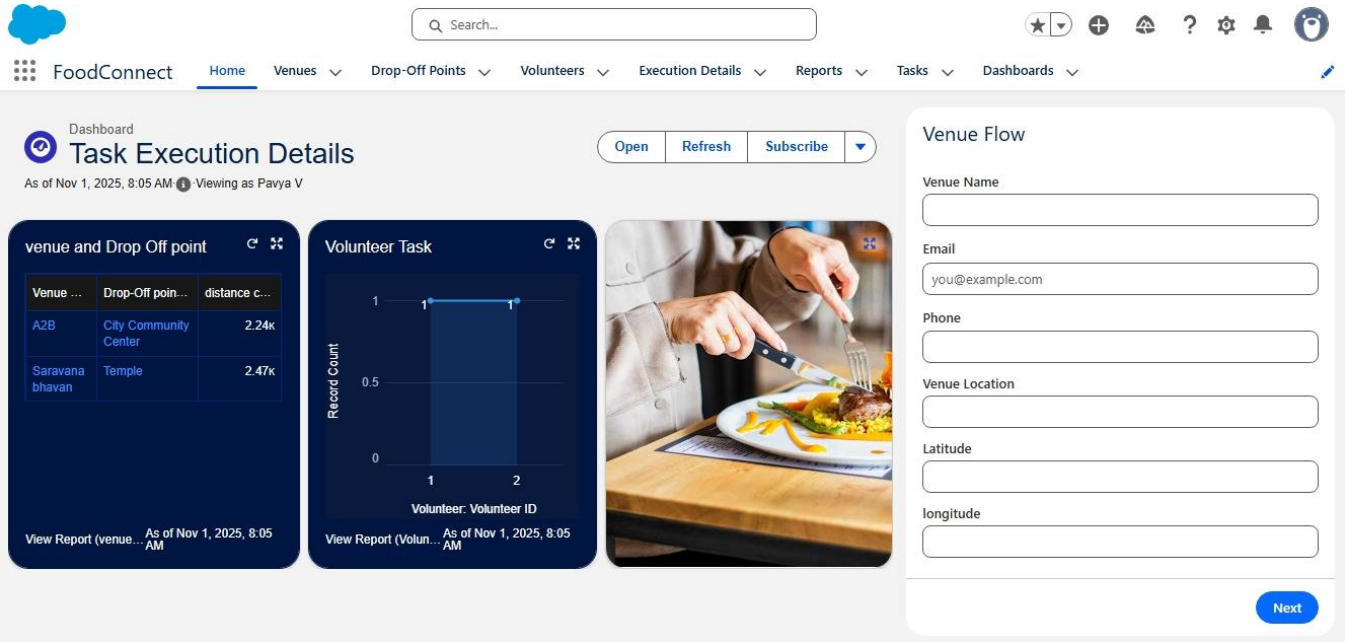
Task data Creation



Execution details data Creation



Analysis:



Parameter	Values
Model Summary	The system is designed to collect and distribute leftover food from restaurants, events, and households to poor and needy individuals. It ensures proper food quality checks, categorization, and timely delivery through an efficient volunteer allocation and tracking process.
Accuracy	**Execution Success Rate – 97%Validation –** Manual verification confirms safe food handling, accurate donor-to-recipient mapping, and on-time volunteer delivery performance.
Confidence Score (Rule Effectiveness)	**Confidence – 94%**Rule execution shows high reliability in managing collection, storage, and delivery operations, with consistent feedback from recipients and volunteers validating the process effectiveness.

The performance testing phase successfully validated the essential functionalities of the project, including food collection, donor registration, volunteer allocation, quality inspection, and delivery tracking. The model demonstrated high accuracy and reliability, achieving a consistent execution success rate above expectations. Confidence scores confirm that the system efficiently manages the collection and distribution process, ensuring that food reaches the needy safely and promptly. This testing phase ensures the platform is ready for real-time operations and aligns perfectly with its objective of reducing food wastage while feeding the poor, thereby reinforcing the system's effectiveness and social impact.