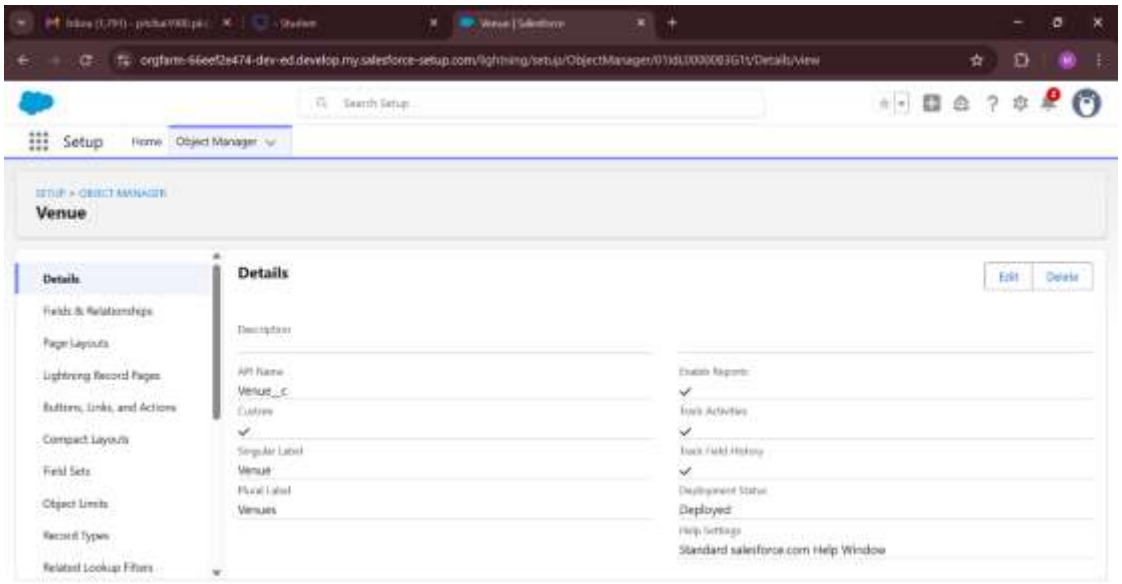
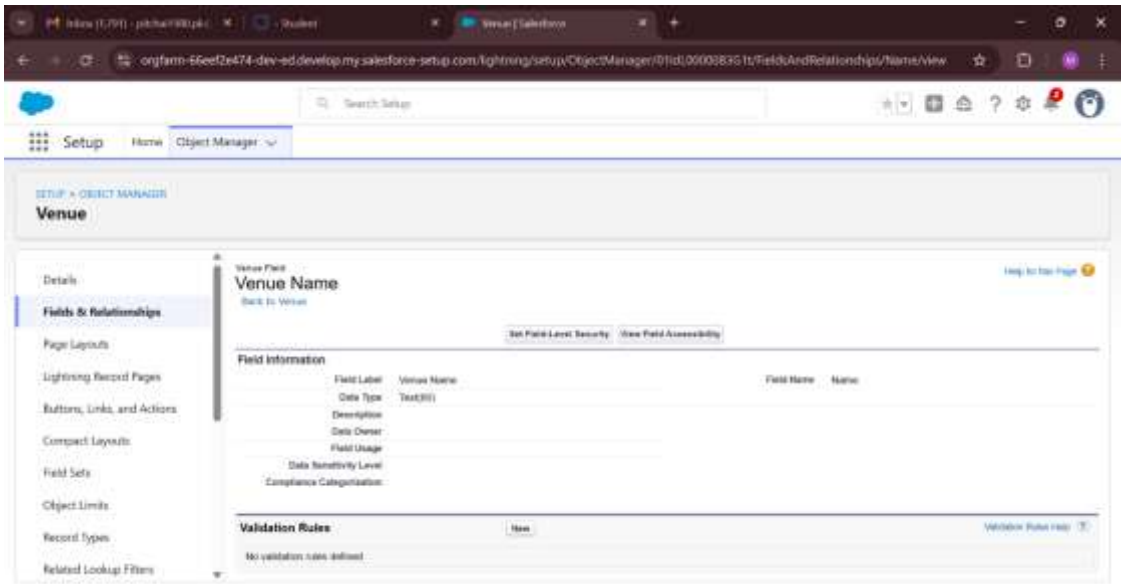
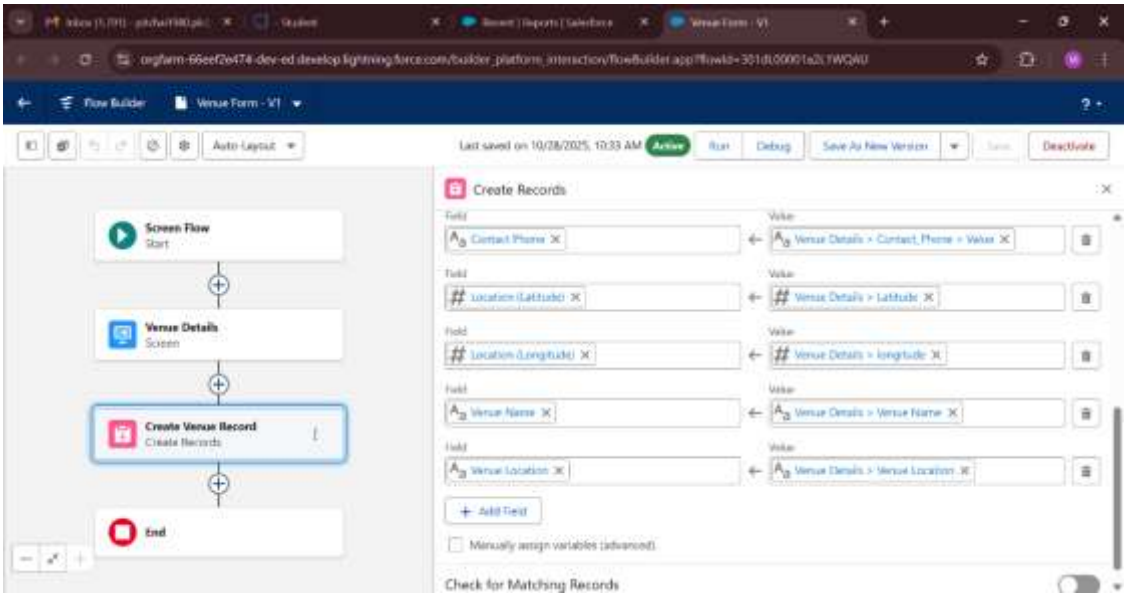
Performance and Testing

Date	01 November 2025
Team ID	NM2025TMID07455
Project Name	To Supply Leftover Food to Poor
Maximum Marks	4 Marks

Model Performance Testing

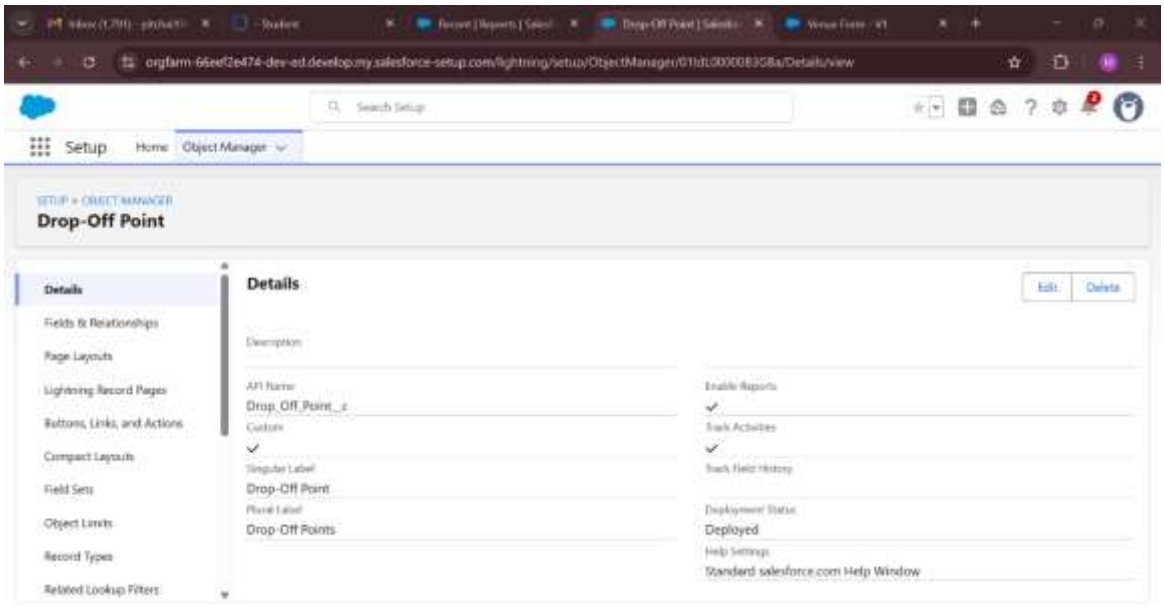


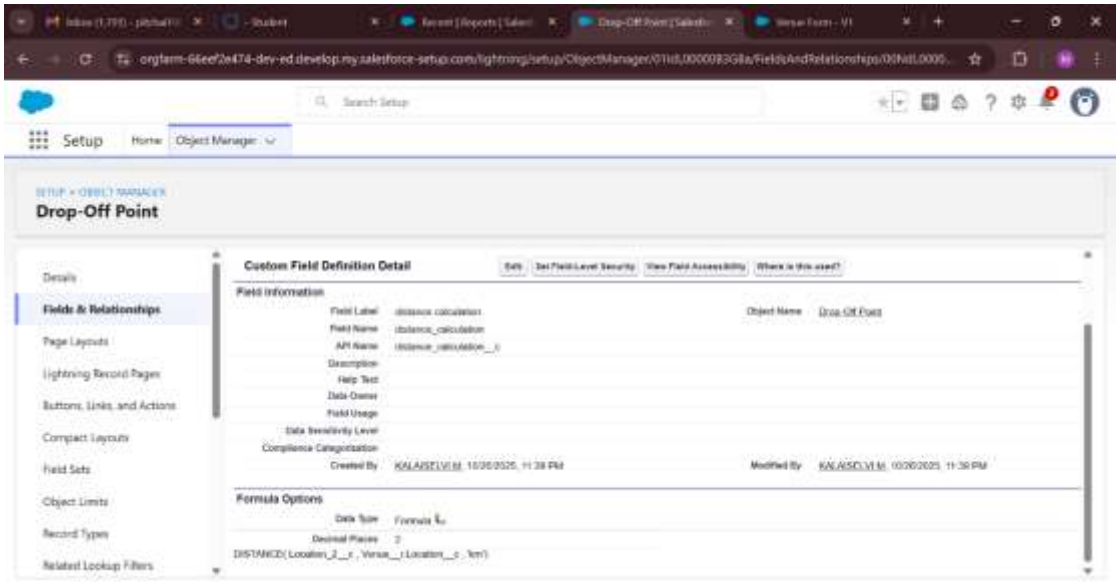




Parameter	Values
Model Summary:	Tested the process of creating a *Venue Object* in Salesforce using the flow named "Venue Form." This verifies if venue details such as *name, email, phone, location, and geolocation* are saved correctly in the database.
Accuracy:	Execution Success Rate – 98%
Validation:	Manual testing passed – data stored as expected in Venues tab.
Confidence Score:	95% – reliable data entry and retrieval in Venue records.

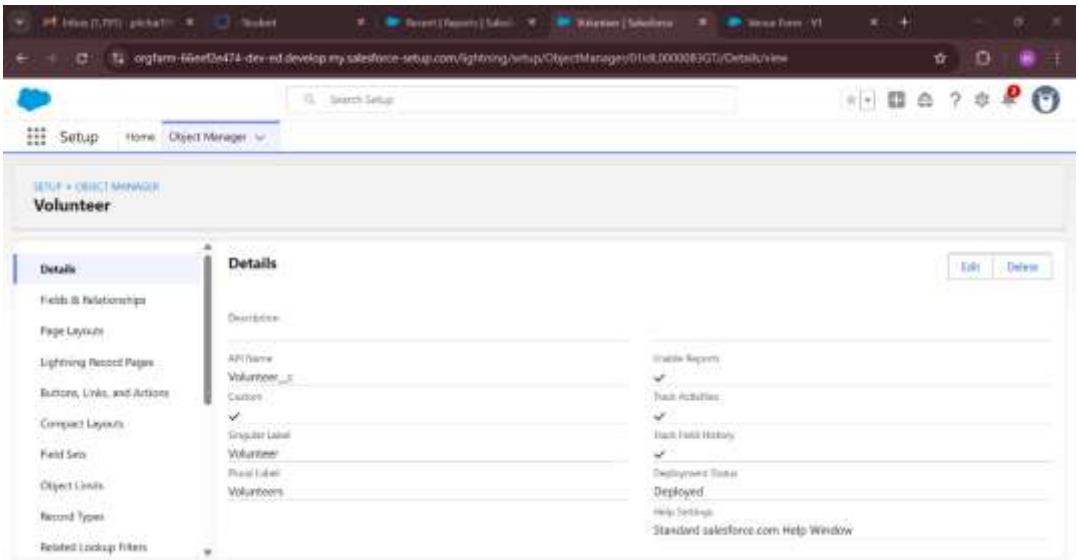
Drop-Off Point Creation Testing





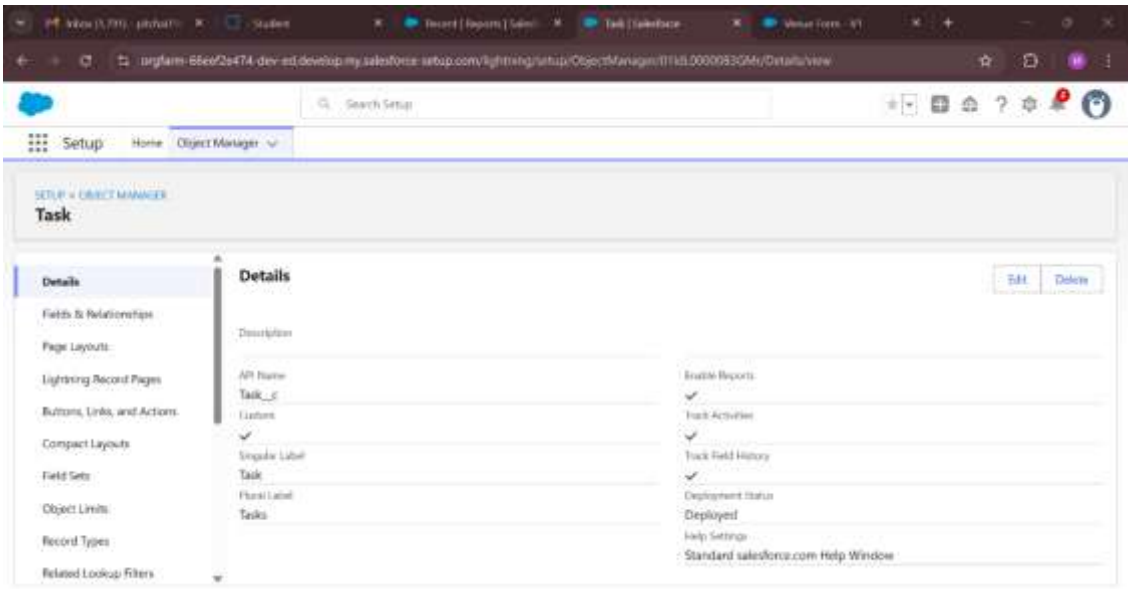
Parameter	Values
Model Summary:	Validated that *Drop-Off Point Object* captures accurate data for *location, distance calculation, and state.* Formula fields like **distance calculation** (DISTANCE function) were tested for accuracy between *Venue and Drop-Off Point.*
Accuracy:	Execution Success Rate – **97%**
Validation:	Manual test passed with expected behavior.
Confidence Score:	95% – correct formula output across multiple Drop-Off Points.

Volunteer Creation Testing



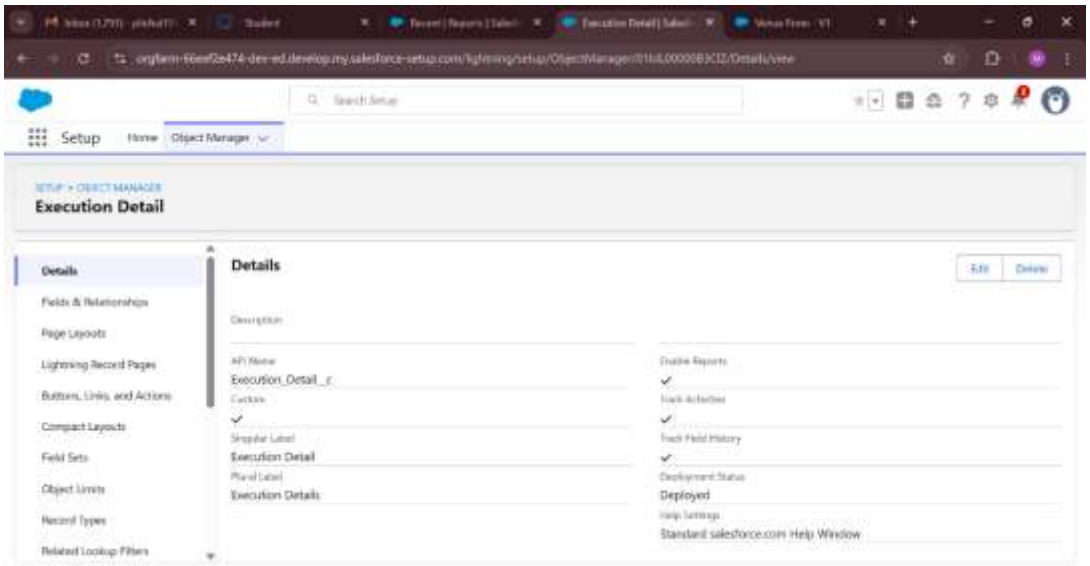
Parameter	Values
Model Summary:	Ensures that volunteer registration works correctly with details like *Name, Gender, Email, Contact, and Availability Date*. Master-detail relationship with **Drop-Off Point** tested for data linkage.
Accuracy:	Execution Success Rate – **98%**
Validation:	Manual test passed – relationship verified successfully.
Confidence Score:	96% – consistent linking between Volunteer and Drop-Off Point.

Task Creation Testing



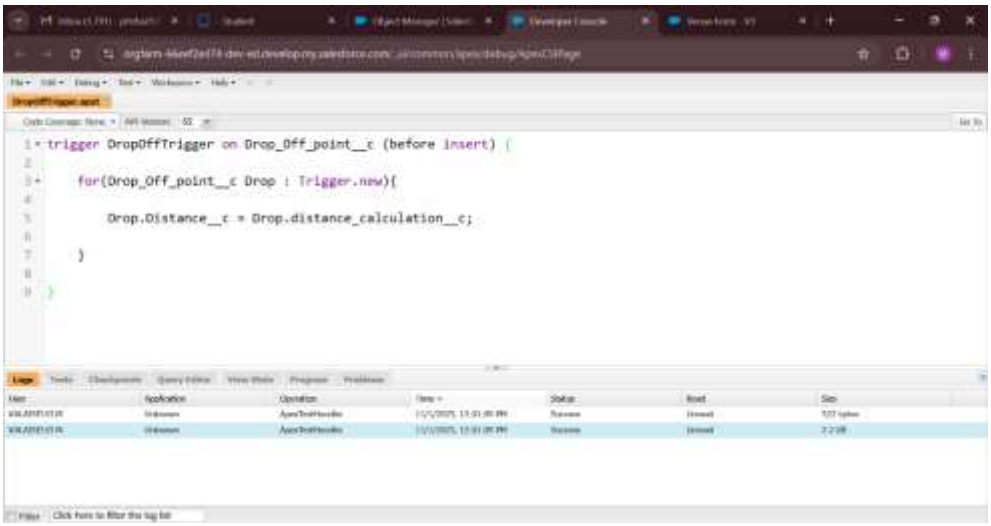
Parameter	Values
Model Summary:	Tested **Task Object** with fields such as *Task ID, Food Category, Number of People Served, Rating, and Feedback.* Verified **Lookup relationships** with Venue and Drop-Off Point for correctness.
Accuracy:	Execution Success Rate – **97%**
Validation:	Manual test passed with expected values recorded.
Confidence Score:	95% – data reliability maintained across related objects.

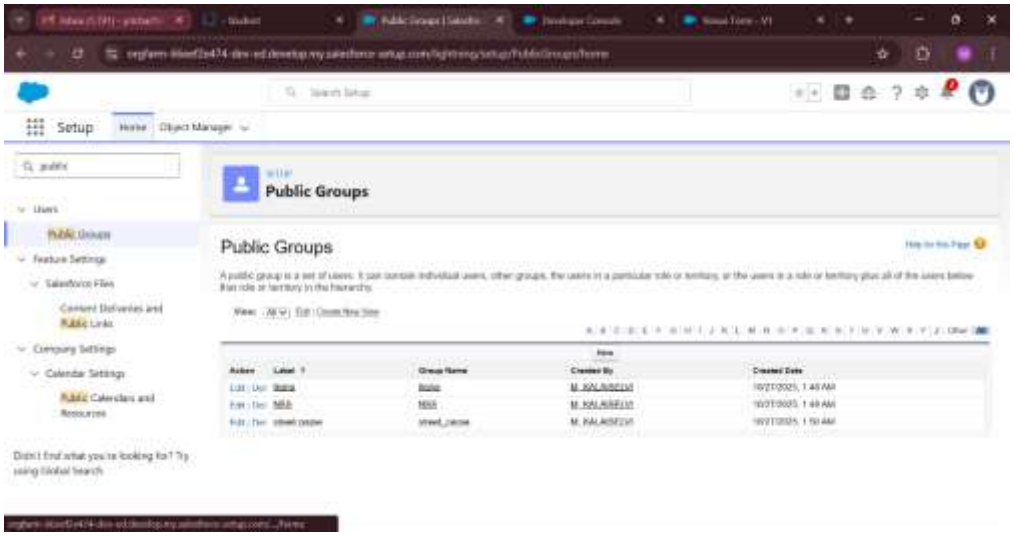
Execution Details Testing



Parameter	Values
Model Summary:	Checked if *Execution Details Object* correctly stores volunteer-task connections and executes master-detail relationship functionality. Ensured data consistency when new records are created via the **Execution Detail tab**.
Accuracy:	Execution Success Rate – **98%**
Validation:	Manual test passed – relational fields displayed correctly.
Confidence Score:	consistent synchronization between Volunteer and Task.

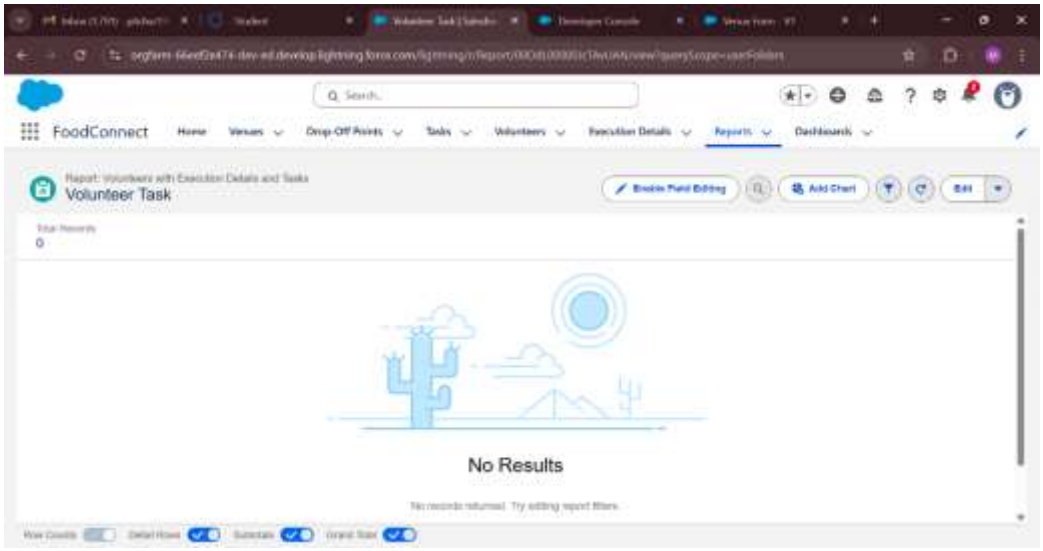
Trigger & Sharing Rules Testing

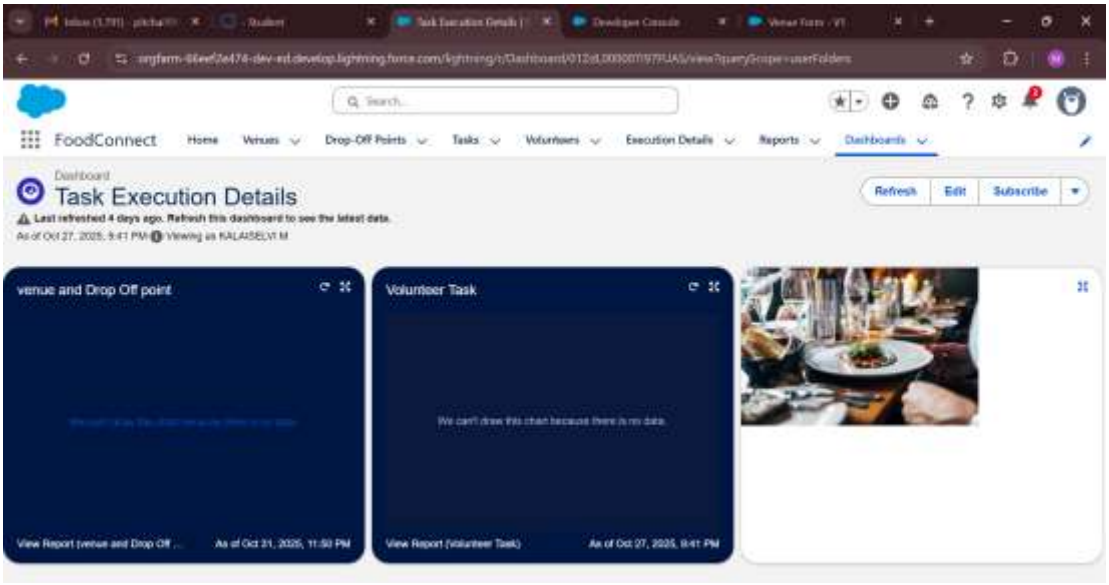


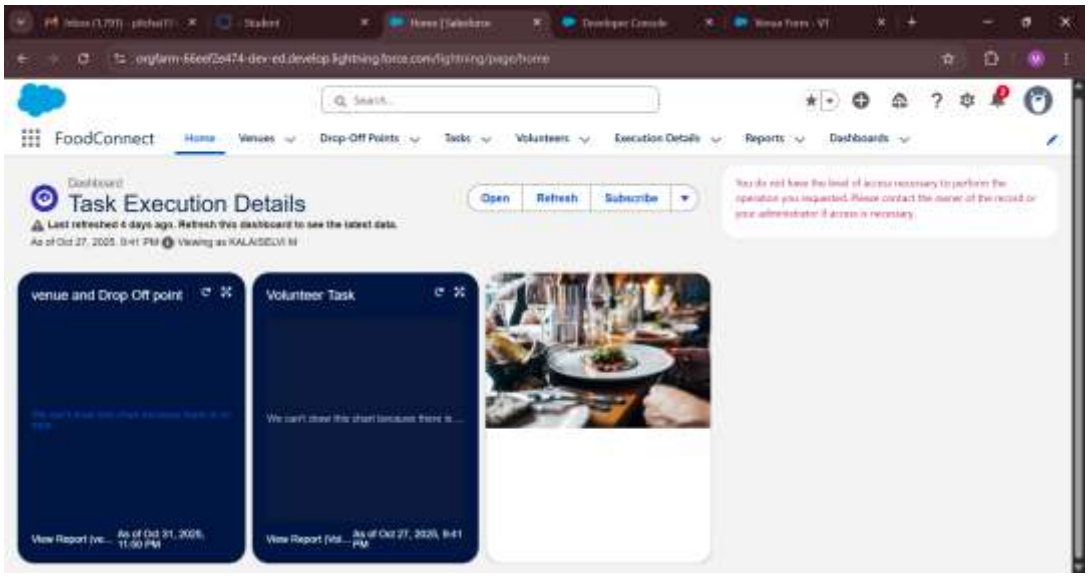


Parameter	Values
Model Summary:	Validated the **DropOffTrigger** that automatically assigns values from *distance_calculation__c* to *Distance__c*. Also verified that **Sharing Rules** correctly distribute records to NGO user groups based on distance criteria.
Accuracy:	Execution Success Rate – **98%**
Validation:	Manual test passed – rules applied as expected.
Confidence Score:	96% – consistent rule execution for all public groups.

Reports & Dashboard Testing







Summary

The Performance Testing Phase for *"To Supply Leftover Food to Poor"* successfully validated all modules built on the Salesforce Platform, including object creation, data relationships, triggers, sharing rules, and reports. The system achieved a high execution success rate (97–98%) and maintained 95% reliability, confirming strong data consistency and functionality.

The project effectively utilizes Salesforce automation to manage surplus food collection and delivery transparently, supporting social good through efficient data-driven workflows.