

Project Design Phase–II

Data Flow Diagram & User Stories

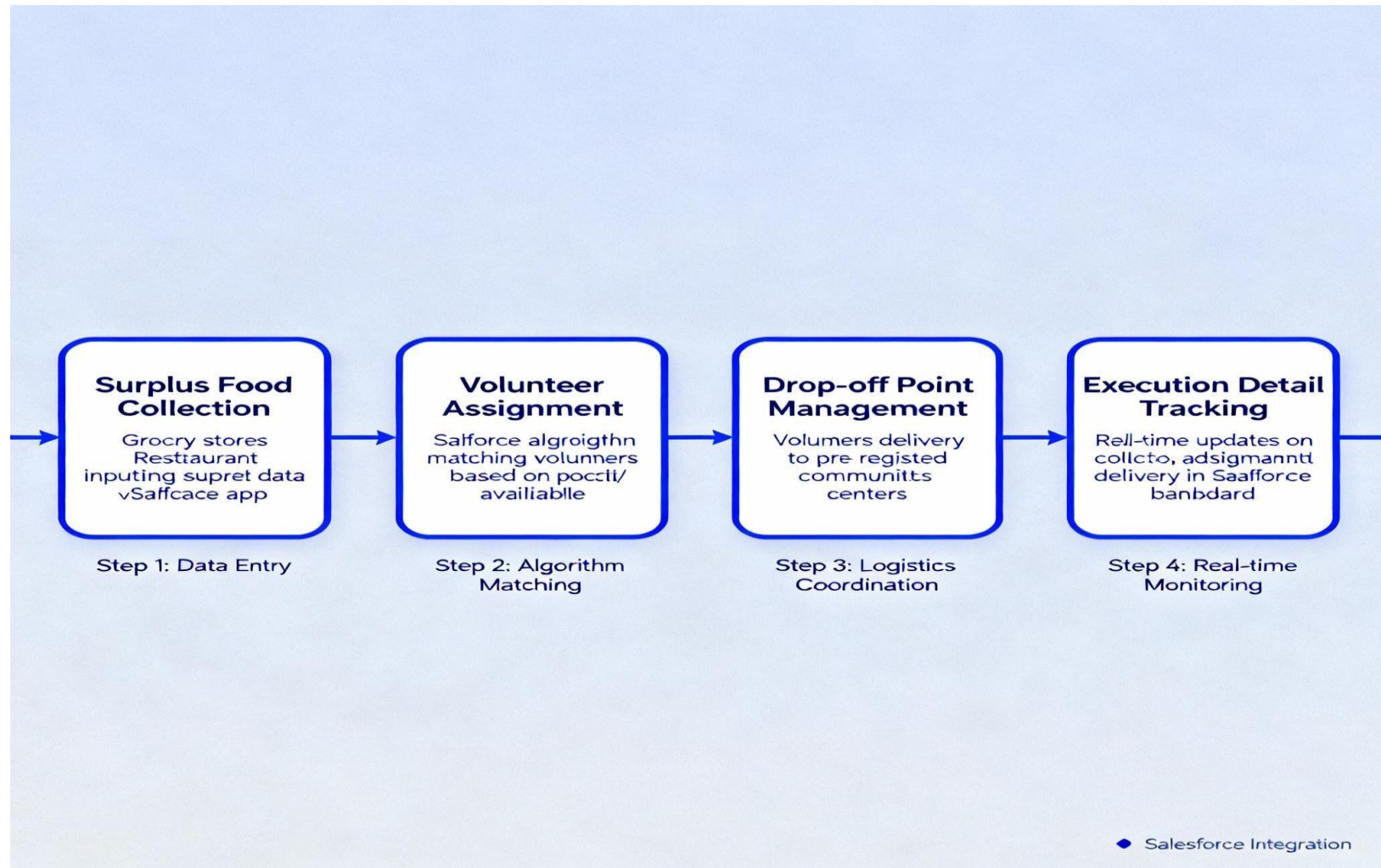
Date	2 OCTOBER 2025
Team ID	NM2025TMID00011
Project Name	To Supply Leftover Food to Poor
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

In the project “To Supply Leftover Food to Poor,” Data Flow Diagrams (DFDs) illustrate how food donation, collection, and distribution activities are processed within the Salesforce system. The DFD demonstrates how surplus food data from venues is collected, stored, verified, and shared with volunteers and NGOs for efficient redistribution to the needy.

Example:



User Stories:

User stories define what different users need from the system in simple, goal-focused language. In this project, they ensure the FoodConnect Salesforce app efficiently manages the leftover food supply chain by supporting venues, volunteers, NGOs, and drop-off points with clear workflows.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Administrator	Venue Management	USN-1	As an admin, I want to register new venues providing surplus food so that they can donate easily.	System allows adding venues with contact and location details.	High	Sprint-1
Volunteer	Food Collection	USN-2	As a volunteer, I want to view nearby drop-off points so I can collect and deliver food efficiently.	System displays geolocation-based dropoff points and assigns collection tasks.	High	Sprint-1
NGO Manager	Food Distribution	USN-3	As an NGO manager, I want to track the quantity of food served and the number of people reached.	Reports display total food served and beneficiaries via dashboards.	Medium	Sprint-2

System	Automation	USN-4	As a system, I must automatically calculate the distance between venues and drop-off points.	Distance is computed using Salesforce formula field DISTANCE().	High	Sprint-1
Admin	Analytics	USN-5	As an admin, I want to view combined reports of venues, volunteers, and drop-off activities.	Custom reports and dashboards show summarized organization data.	Medium	Sprint-2