Ideation Phase

Brainstorm & Idea Prioritization Template

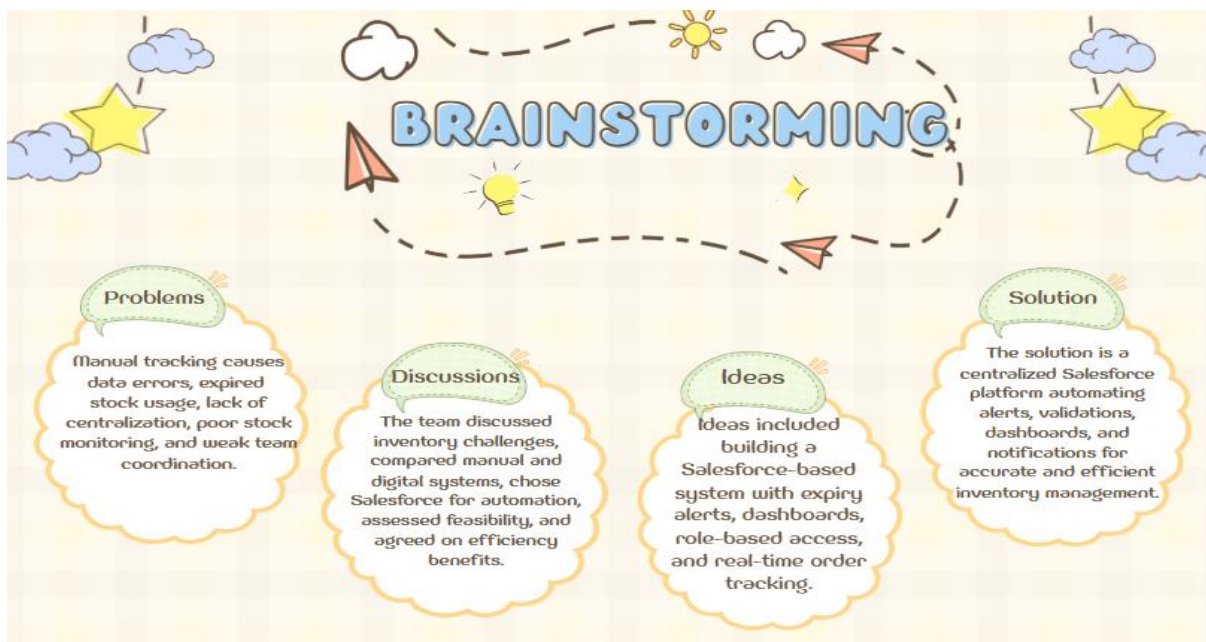|	
Date	02 November 2025
Team Id	NM2025TMID00728
Project Name	Medical Inventory Management System
Maximum Marks	4 marks

Medical Inventory Management System Template:

This guided project demonstrates how to design and implement a Medical Inventory Management System using Salesforce to streamline the tracking and management of medical supplies, products, suppliers, and transactions. The system enables efficient maintenance of supplier details, purchase orders, and stock levels while monitoring product expiry dates and ensuring timely replenishment.
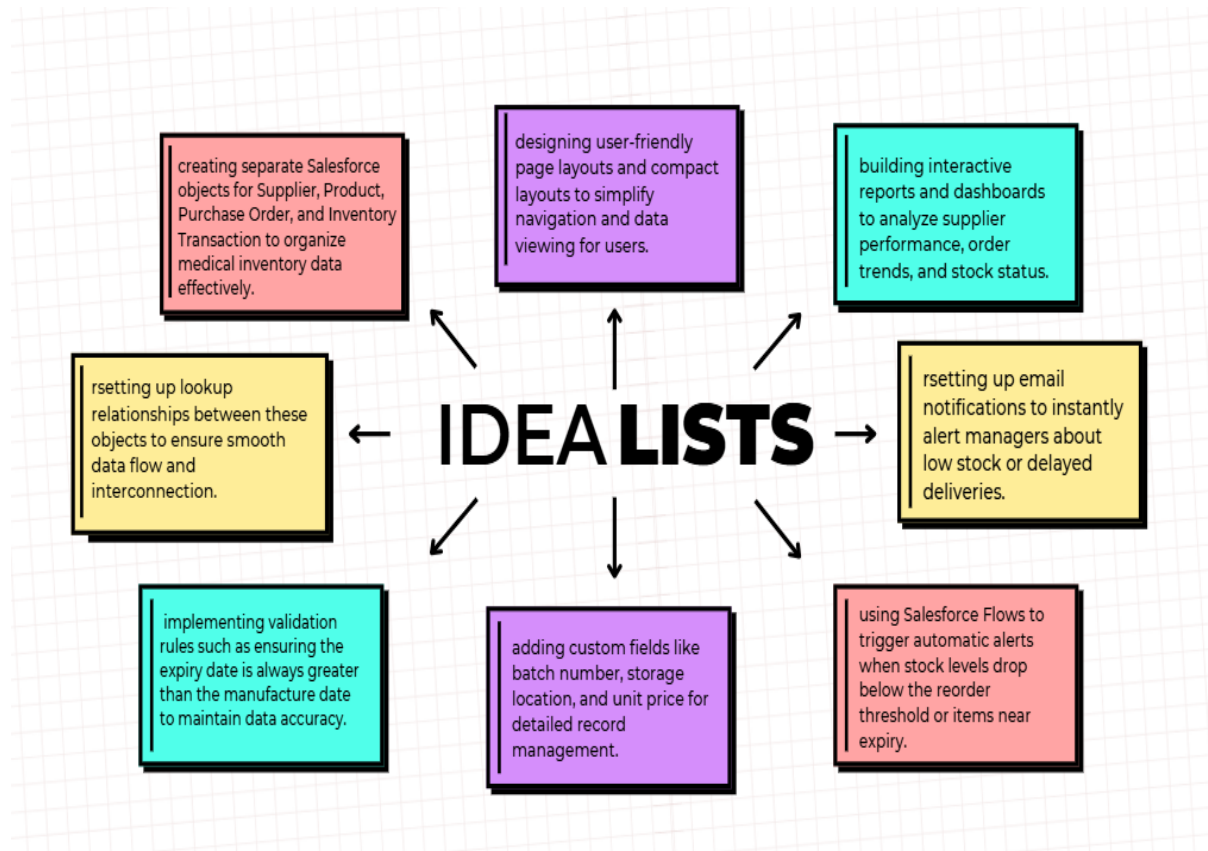
The project workflow includes object creation, establishing relationships among them, and developing automation using flows and triggers. This project helps medical institutions and suppliers maintain transparency, minimize wastage, and improve operational control through a single, reliable Salesforce platform.

Step 1: Team Gathering, Collaboration, and Selection of the Problem Statement

Reference: https://www.canva.com/templates/

Step 2: Brainstorm, Idea Listing, and Grouping

Fig : Image that describes the work done by teammates

Brainstorming:

The team collaborated to generate ideas for improving medical inventory management through Salesforce. They discussed automation features, supplier data handling, and solutions to reduce manual errors and expired stock issues.

Idea Listing:

All suggested ideas were listed, including creating Salesforce objects, validation rules, automated flows, and dashboards. The team ensured every idea addressed a key inventory challenge.
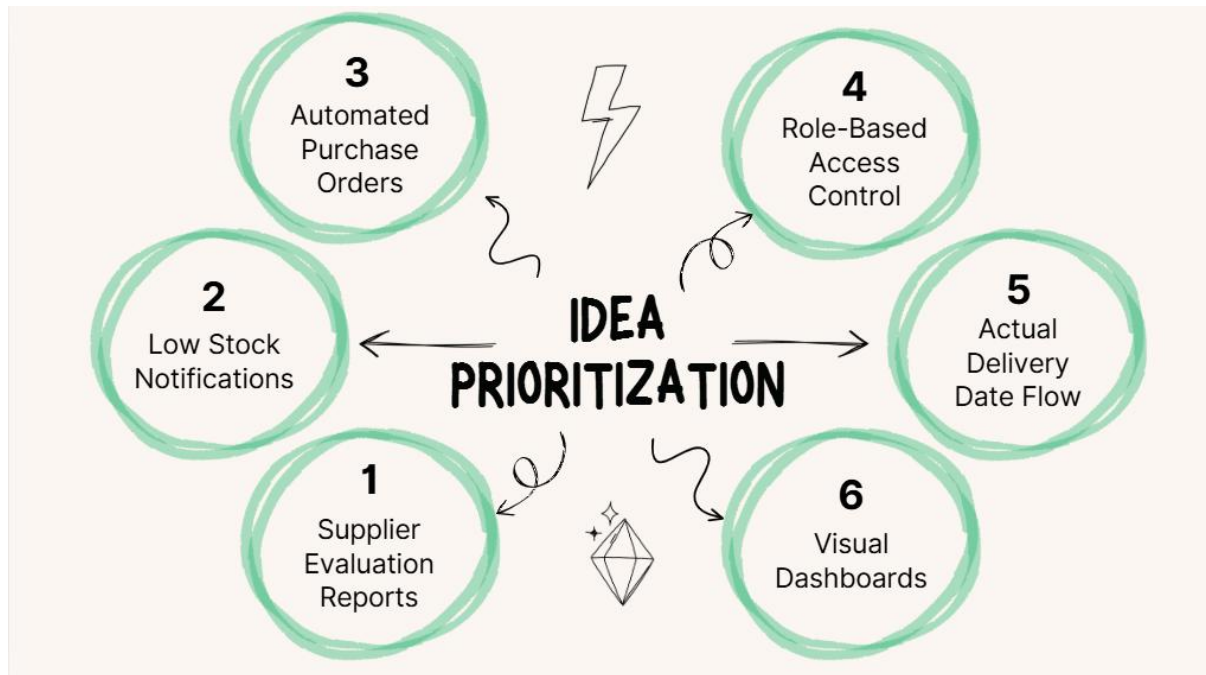
Grouping:

The listed ideas were categorized into four areas — Data Management, Automation and Workflows, User Access Control, and Reporting and Visualization — for better organization and clarity.

Action Planning:

Responsibilities were divided among members for object creation, layout design, validation and flow setup, and dashboard creation, ensuring each module was developed and tested efficiently.

Step 3: Idea Prioritization

The idea prioritization process enabled the team to focus on implementing features that would deliver the highest value to medical institutions by enhancing operational efficiency and accuracy. Key priorities included introducing expiry date alerts to prevent the use of expired products, automating stock level monitoring through Salesforce flows to ensure timely restocking, and developing supplier performance reports to identify reliable vendors and improve procurement strategies. Additionally, user role management was emphasized to protect sensitive data by assigning appropriate access levels, while comprehensive dashboards were prioritized to give administrators a clear visual overview of inventory performance and status. This strategic prioritization led to the development of a streamlined Salesforce application that effectively manages and tracks inventory operations, improves data accuracy and transparency, minimizes wastage through expiry and reorder monitoring, and provides real-time analytical insights for informed management decisions.