

Ideation Phase

Brainstorm & Idea Prioritization

Template

Date	01 NOV 2025
Team ID	NM2025TMID02455
Project Name	Medical Inventory Management
Maximum Marks	4 Marks

Medical Inventory Management Template :

This guided project focuses on building a **Medical Inventory Management System** in Salesforce to streamline the tracking and management of medical supplies. It includes creating custom objects for products, suppliers, and purchase orders, along with fields to monitor stock levels, batch details, and expiry dates. Validation rules and relationships ensure accurate data entry and consistency across the system.

Automation is achieved through **Flows and Triggers** that update stock levels and send alerts for expiring products. Reports and dashboards offer real-time insights into inventory performance and supplier efficiency. Overall, this system helps healthcare organizations reduce wastage, prevent stockouts, and maintain accurate, efficient inventory control.

Step-1: Team Gathering, Collaboration and Select the Problem Statement:



Step-2: Brainstorm, Idea Listing and Grouping:

Idea Listing

AKSHAYA	SOBIKA	RAJAVARSHINI
<p>Initial Idea: Create an automated system to track medicine and equipment using barcode scanning.</p>	<p>Initial Idea: Develop a centralized database to store supplier details, purchase orders, and product information.</p>	<p>Initial Idea: Design a reporting and analytics system to monitor usage, wastage, and expiry.</p>
<p>Teammate builds on Initial Idea:</p> <ul style="list-style-type: none">• Add real-time updates for stock-in and stock-out.• Generate alerts for low stock or nearing expiry items.• Include a dashboard showing available stock levels.	<p>Teammate builds on Initial Idea:</p> <ul style="list-style-type: none">• Integrate supplier performance tracking.• Automate purchase order generation based on minimum stock levels.	<p>Teammate builds on Initial Idea:</p> <ul style="list-style-type: none">• Generate monthly reports for management review.• Visualize data using graphs and charts.• Send notifications for items nearing expiry.

Fig2: Image that describes the work done by teammates.

✓ **Brainstorm:**

Team shares ideas to improve inventory tracking, procurement, and expiry management.

✓ **Idea Listing:**

All suggestions are recorded to ensure every input—from software features to audit procedures—is captured.

✓ **Grouping:**

Ideas are organized into categories like stock monitoring, procurement, expiration management, and reporting to identify patterns and prioritize actions.

✓ **Action Planning:**

Selected ideas are turned into concrete steps with assigned responsibilities, timelines, and monitoring to ensure effective implementation.

Step-3: Idea Prioritization:



Fig3: Image of steps is the best practices in medical inventory management.

Idea Prioritization:

Idea prioritization helps focus on the most impactful improvements in medical inventory management. The primary goal is to ensure essential medicines and supplies are available, with accurate tracking of stock levels and expiry dates. Critical tasks like automated stock alerts, expiry monitoring, and access control are addressed first, followed by high-priority tasks such as automated reordering, supplier management, and reporting dashboards. Medium- and low-priority enhancements like barcode scanning, audit trails, and predictive analytics can be implemented gradually. This approach clarifies urgent actions, improves inventory security, and supports smooth, efficient execution.