IDEA GENERATION & PRIORITIZATION

Date	23 Octobar 2025
Team ID	NM2025TMID08036
Project Name	Medical Inventory Management
Maximum Marks	2 Marks

Garage   Management   System   Template   :

The **Medical Inventory Management System** is a cloud-based Salesforce application designed to streamline and automate the management of medical supplies for hospitals, clinics, and pharmacies. The system aims to provide an efficient, reliable, and scalable solution for tracking medicine stock, managing supplier relationships, recording purchase and usage data, and ensuring compliance with healthcare regulations.

By leveraging Salesforce's **low-code development environment**, the system integrates **automation tools, workflows, and centralized databases** to minimize human error and optimize resource utilization. The project demonstrates how technology can enhance healthcare operations, ensuring accurate inventory control, timely replenishment, and improved patient service quality.

The system's core features include:

- Stock management and tracking
- Supplier coordination and order management
- Expiry date monitoring
- Real-time alerts for restocking and expiring items
- Data-driven insights through reports and analytic

Together, these capabilities create a robust platform for modernizing medical inventory processes and maintaining seamless healthcare operations.

Step 1: Team Gathering, Collaboration, and Problem Identification

The team collaboratively identified challenges faced by healthcare organizations in maintaining accurate and efficient medical inventory records. The main problem recognized was the lack of real-time tracking and automation in inventory processes, leading to wastage, expired drugs, and supply shortages.

Step-2: Brainstorm, Idea Listing and Grouping Idea Listing:

Idea Listing

The team conducted multiple brainstorming sessions to list ideas that directly address the identified challenges. The following key functionalities were proposed:

- Centralized database for all medical products and equipment
- Tracking of stock levels, expiry dates, and supplier information
- Automated purchase order generation when stock drops below threshold
- Supplier performance monitoring and payment history management
- Detailed reports and analytics for consumption and wastage patterns
- Real-time notifications for low stock and near-expiry medicines

These ideas represent the functional and operational foundation for the project.

Step 3: Idea Prioritization

IDEA PRIORITIZATION

Team Collaboration & Problem Identification

- Identifying challenges in medical inventory management
- Defining the central problem statement

→

Idea Listing & Grouping into Modules

- Listing potential features and functionalities
- Grouping ideas into functional modules

→

Idea Prioritization

- **High**
- **Medium**
- **Low**