Brainstorming & Idea Prioritization - Medical Inventory Management System

Ideation Phase
Brainstorm & Idea Prioritization Template

Date: 03 November 2025
Team ID: NM2025TMID00478
Project Name: Medical Inventory Management System
Maximum Marks: 4 Marks

This project focuses on developing a Medical Inventory Management System that maintains accurate records of all medicines and supplies. The system automatically alerts staff about low stock and upcoming expiry dates, reducing human error and improving hospital management efficiency.

Step 1: Team Collaboration and Problem Selection:
The team identified a key issue — the lack of an automated inventory system in hospitals and pharmacies. After discussion, the problem 'Manual errors in medicine stock management' was chosen for further ideation.

Step 2: Brainstorming and Idea Listing:
During brainstorming, team members proposed ideas such as automated stock tracking, alert systems, dashboards, and supplier management. All ideas were grouped under functional and automation categories for better focus.

Step 3: Idea Prioritization:
The ideas were prioritized based on feasibility, impact, and user benefit: real-time tracking, expiry alerts, supplier management, reports, and billing integration. Prioritization helped structure the project efficiently.

Outcome:
Through brainstorming and prioritization, the team finalized a clear action plan to develop an intelligent, automated system that ensures efficient, safe, and reliable inventory management in medical environments.

Reference: https://www.mural.co/templates/brainstorm-and-idea-prioritization