

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	03 November 2025
Team ID	NM2025TMID01909
Project Name	Medical Inventory Management
Maximum Marks	4 Marks

#### Brainstorm & Idea Prioritization Template

- To encourage **creative thinking** and gather diverse ideas.
- To **evaluate ideas systematically** based on measurable factors (impact, feasibility, cost, urgency).
- To **identify top-priority ideas** that align with project goals and resource capacity.
- To **create a roadmap** for implementation — short-term, mid-term, and long-term.

#### Brainstorming – Idea Collection

Idea ID	Feature / Concept	Description / Purpose	Problem Solved
I1	Real-time Inventory Tracking	Automatically update stock levels as items are added or used	Eliminates manual tracking errors
I2	Expiry Alerts	Notify staff before medicines expire	Prevents wastage and financial loss
I3	Auto Reorder System	Automatically generate purchase orders when stock is low	Prevents shortages and improves supply chain efficiency
I4	RFID/Barcode Scanning	Scan items for instant identification and entry	Reduces data entry time and errors
I5	Dashboard & Analytics	Display key metrics like usage rate, expiry rate, and stock status	Enables data-driven decisions
I6	Supplier Management Module	Track supplier performance and delivery times	Improves reliability of procurement

I7	Multi-Department Access	Allow different hospital units to request items	Streamlines interdepartmental coordination
I8	Audit Trail	Log all inventory actions for transparency	Ensures accountability and compliance
I9	Mobile App Integration	Access inventory data from anywhere	Enhances accessibility and speed of response
I10	AI-based Demand Forecasting	Predict future medicine needs based on past usage	Optimizes stock planning and reduces waste

