

**Ideation Phase**  
**medical inventory management**

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Team ID	LTVIP2025TMID60635
Project Name	medical inventory management
Maximum Marks	4 Marks

**medical inventory management**

**Key Objectives of Medical Inventory Management:**

**Ensure Availability:** Maintain adequate stock to meet patient care demands.

**Reduce Waste:** Prevent expired or overstocked items.

**Optimize Costs:** Balance stock levels to avoid excess capital being tied up in inventory.

**Ensure Compliance:** Adhere to healthcare regulations and safety standards.

**Enhance Efficiency:** Automate reordering and tracking processes.

**Technologies Used:**

**Inventory Management Software (IMS):** e.g., SAP, Oracle NetSuite, MedInventory

**Barcode Scanners / RFID Tags**

**Cloud-Based Dashboards**

**Mobile Apps for On-the-go Tracking**

**AI for Predictive Reordering**

**Typical Inventory Items Managed:**

**Pharmaceuticals: Tablets, injections, vaccines**

**Consumables: Gloves, syringes, cotton**

**Medical Devices: BP monitors, ECG machines**

**Surgical Tools: Scalpels, forceps**

**PPE: Masks, gowns, face shields****Inventory Management Process Flow:**

**Inventory Audit →**

**Stock Replenishment Planning →**

**Order Placement →**

**Receiving & Inspection →**

**Stocking & Categorization →**

**Usage Tracking →**

**Expiry & Damage Checks →**