

# Medical Inventory Management System

Team ID	NM2025TMID05596
Project Name	Medical Inventory Management System
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## PROJECT PLANNING PHASE

### 1. Milestones and Phases

Milestone	Description
1	Requirement Gathering & Feasibility Study
2	System Design & Architecture
3	Backend & Database Development
4	Frontend Interface Development
5	Integration & Testing
6	Deployment & Maintenance

### 2. Resource Planning

Resource	Responsibility
Project Manager	Planning, coordination
Developers	Backend & frontend development
QA Engineers	Testing and validation
Database Admin	Data schema design
UI/UX Designer	Interface prototyping

### 3. Timeline

Phase	Duration
Ideation & Requirement Analysis	2 Weeks
Design & Architecture	3 Weeks
Implementation	4 Weeks
Testing & Debugging	2 Weeks

Phase	Duration
Deployment	1 Week

**4. Risk Management**

Risk	Mitigation
Server downtime	Cloud-based backup
Data corruption	Scheduled database backups
Delayed procurement	Automated reorder alerts