PROJECT PLANNING PHASE

Team ID	NM2025TMID01548
Project Name	Medical Inventory Management System
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Folder Reference:

Document/Project Planning Phase/

Includes:

- Project Planning (1).pdf
- Readme.md

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

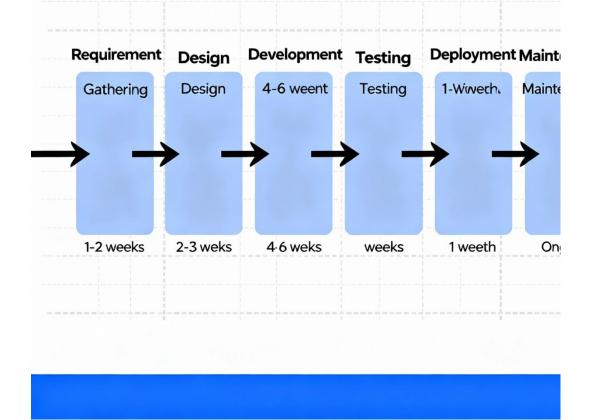
Risk	Likelihood	Impact	Mitigation
Description	(Low/Medium/High)	(Low/Medium/High)	Strategy
Scope Creep	High	Medium	Implement strict change control process
Resource Overload	Medium	High	Allocate buffer resources
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Schedule Delays	High	High	Set frequent progress checkpoints
Technical Challenges	Medium	Medium	Conduct pre- development feasibility tests

3. Timeline

Phase	Duratio n
Ideation & Requirement Analysis	2 Weeks
Design & Architecture	3 Weeks
Implementation	4 Weeks
Testing & Debugging	2 Weeks
Deployment	1 Week

Phase Duratio n





4. Risk Management

Risk	Mitigation
KISK	Mingation

Server downtime Cloud-based backup

Data corruption Scheduled database backups

Delayed procurement Automated reorder alerts