



# PROJECT PLANNING PHASE – DocSpot

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## Team Details

Field	Details
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Team ID	LTVIP2025TMID30950
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Team Size	2
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Team Leader	Lakshmi Sravya Savaram
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Team Member	Pathela Praveen Chakravarthi
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## Project Goal

To develop a secure and user-friendly appointment booking platform called **DocSpot** that allows patients to easily schedule appointments with doctors, manage their healthcare interactions, and access appointment history digitally.

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## Scope of the Project

DocSpot will:

- Enable role-based access for patients, doctors, and admins.
  - Provide real-time doctor availability.
  - Allow booking and cancellation of appointments.
  - Support dashboards for both users and doctors.
  - Be designed to support future add-ons like teleconsultations and e-prescriptions.
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## Project Timeline (6–8 Weeks)

- ◆ **Week 1** – Requirement Gathering and Ideation
- ◆ **Week 2** – Design UI/UX and Finalize Architecture
- ◆ **Week 3** – Backend Development (Node.js, MongoDB)
- ◆ **Week 4** – Frontend Development (React.js)

- ◆ **Week 5** – API Integration and Testing
  - ◆ **Week 6** – Deployment on Render / AWS and Feedback Collection
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#### **Project Management Tools**

- ◆ Git & GitHub – Version control and team collaboration
  - ◆ Trello / Notion – Task planning and progress tracking
  - ◆ Figma / Draw.io – Design and architecture visuals
  - ◆ Google Docs – Documentation and report generation
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#### **Risk Analysis & Mitigation**

- ⚠ **Deployment delays** → Start testing and hosting early
- ⚠ **Coordination challenges** → Regular team sync meetings
- ⚠ **API/Service outages** → Use fallback mechanisms and retries
- ⚠ **Security risks** → Apply JWT, HTTPS, and secure headers