

Proposed Solution – Docspot: Seamless Appointment Booking For Health

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Team ID	LTVIP2025TMID58589
Project name	Docspot: Seamless Appointment Booking For Health

Problem Statement	Finding and booking healthcare appointments can be time-consuming and unreliable due to outdated information, lack of availability visibility, and poor communication between patients and healthcare providers. Clinics struggle with managing appointments and cancellations, and patients lack a centralized platform to discover verified doctors and specialists.
Idea / Solution Description	DocSpot is a full-stack MERN-based healthcare appointment platform that enables patients to search and book medical appointments with filters such as specialty, location, and availability. Healthcare providers can manage their schedules, while admins verify practitioner credentials. The platform supports appointment bookings, reminders, messaging, and digital health record uploads.

Novelty / Uniqueness	<ul style="list-style-type: none"> -Built-in appointment scheduling and reminders -Admin-controlled verification of doctors -Real-time communication between patients and healthcare providers -Filters for specialty, ratings, insurance coverage, location, and more -Role-based dashboards for patients, doctors, and admins
Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> - Makes healthcare access faster, easier, and more transparent - Reduces no-shows and booking errors with automated reminders - Enhances trust through verified doctor profiles - Improves user satisfaction with streamlined booking and record handling
Business Model	<ul style="list-style-type: none"> - Freemium model: Patients use the platform for free - Subscription or commission-based model for clinics/doctors for premium features, such as featured listings and advanced analytics

Scalability of the Solution	<ul style="list-style-type: none">-Modular MERN stack enables smooth feature expansion-Scalable MongoDB backend for handling large volumes of users and appointments-Mobile-ready via React Native for wider accessibility-Easily extendable to new healthcare providers, specialties, regions, and even international markets
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