

## Project Design Phase

### Proposed Solution Fit

Date	23 June 2025
Team ID	LTVIP2025TMID48939
Project Name	Docspot: Seamless Appointment Booking for Health

#### Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	<b>Problem Statement (Problem to be solved)</b>	Patients often struggle to book appointments due to long call wait times, limited hospital access after hours, and confusing clinic websites. These hurdles lead to missed diagnoses and reduced satisfaction.
2.	<b>Idea / Solution description</b>	DocSpot is a centralized appointment platform available on both web and mobile, built using the MERN stack. It enables patients to search doctors by specialty, location, and time availability. They can book appointments instantly, receive reminders, and access medical records securely. Clinics and doctors get dashboards to manage schedules and track patient flow.
3.	<b>Novelty / Uniqueness</b>	DocSpot offers 24/7 booking access, multilingual support, instant confirmations, secure login, smart filters, and role-based dashboards. It integrates insurance details and displays real-time doctor availability—giving it an edge over existing systems.
4.	<b>Social Impact / Customer Satisfaction</b>	Improves access to healthcare, especially in remote areas and during emergencies. It reduces wait times and empowers patients to manage their medical interactions effectively, enhancing outcomes and satisfaction.
5.	<b>Business Model (Revenue Model)</b>	Revenue is generated through tiered subscriptions for clinics/hospitals, booking commissions, paid listings for premium doctors, and integration services. Future plans include monetizing data analytics and offering telemedicine partnerships.

6.	<b>Scalability of the Solution</b>	Built using scalable architecture with cloud compatibility, DocSpot is ready to expand to new cities, hospitals, and specializations. Planned extensions include AI health prediction, wearable integration, and teleconsultation services.
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