

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	LTVIP2025TMID54894
Project Name	DocSpot: Seamless Appointment Booking for Health
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Inconvenience in booking medical appointments, lack of real-time communication, unorganized doctor-patient interactions, and inefficient doctor profile visibility.
2.	Idea / Solution description	DocSpot is a full-stack web application that enables patients to find doctors, view their profiles, and book appointments. It includes features like doctor approval by admin, user notifications, and appointment tracking. Doctors can manage their profiles, update availability, and engage with patients efficiently.
3.	Novelty / Uniqueness	DocSpot provides a multi-role platform (admin, doctor, patient) with an integrated doctor approval workflow, profile picture uploads, visit summaries, real-time alerts, and rescheduling/cancellation options — all managed via a clean, responsive interface.
4.	Social Impact / Customer Satisfaction	Increases accessibility to healthcare for patients, especially in remote areas. Saves time, reduces administrative overhead, and builds trust through transparent doctor listings and feedback mechanisms.
5.	Business Model (Revenue Model)	Freemium model — basic access is free, with advanced features (like analytics, premium doctor listings, or SMS notifications) available through subscription. Clinics or hospitals can pay to onboard their doctors.
6.	Scalability of the Solution	Highly scalable across hospitals, clinics, educational institutions, and rural health centers. Can integrate telemedicine, multilingual support, and mobile app compatibility in future versions