

## Project Design Phase Proposed Solution Template

Date	26-06-2025
Team ID	LTVIP2025TMID52949
Project Name	DocSpot
Maximum Marks	2 Marks

### Proposed Solution for DocSpot App

S. No.	Parameter	Description
1	<b>Problem Statement</b> (Problem to be solved)	Patients often face long wait times, inconvenient appointment scheduling, and poor communication with healthcare providers. On the provider side, managing slots, follow-ups, and patient data remains inefficient.
2	<b>Idea / Solution Description</b>	DocSpot is a full-stack healthcare appointment booking platform that connects patients with healthcare providers. It features real-time availability, secure appointment scheduling, digital payments, and reminders. Admin tools help manage users and service quality.
3	<b>Novelty / Uniqueness</b>	<ul style="list-style-type: none"> <li>- Real-time appointment availability</li> <li>- Role-based access for patients/doctors/admins</li> <li>- Secure payment integration</li> <li>- SMS/email reminders</li> <li>- Option for teleconsultation (video call integration)</li> </ul>
4	<b>Social Impact / Customer Satisfaction</b>	<ul style="list-style-type: none"> <li>- Reduces patient wait times and no-shows</li> <li>- Empowers rural or remote access to care via telehealth</li> <li>- Enhances patient-provider communication</li> <li>- Digitally transforms outdated booking systems</li> </ul>
5	<b>Business Model (Revenue Model)</b>	<ul style="list-style-type: none"> <li>- Freemium model for clinics with basic features</li> <li>- Subscription for advanced features (analytics, teleconsultation, branded portal)</li> <li>- Transaction fee on payments (optional)</li> <li>- White-label B2B partnerships with hospitals</li> </ul>
6	<b>Scalability of the Solution</b>	<ul style="list-style-type: none"> <li>- Designed for clinics, hospitals, and telehealth startups</li> <li>- Global-ready with multi-language, multi-timezone, and multi-currency support</li> <li>- Mobile-first UX with future React Native or Flutter app</li> </ul>

		- Modular microservices-based backend for flexibility
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