Project Design Phase
Proposed Solution Template

Date	26-06-2025
Team ID	LTVIP2025TMID52993
Project Name	DocSpot
Maximum Marks	2 Marks

Proposed Solution for DocSpot App

S. No.	Parameter	Description
1	**Problem Statement** (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	**Idea / Solution Description**	DocSpot is a Mern-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	**Novelty / Uniqueness**	- Real-time appointment availability - Role-based access for patients/doctors/admins - Secure payment integration - SMS/email reminders - Option for teleconsultation (video call integration)
4	**Social Impact / Customer Satisfaction**	- Reduces patient wait times and no-shows - Empowers rural or remote access to care via telehealth - Enhances patient-provider communication - Digitally transforms outdated booking systems
5	**Business Model (Revenue Model)**	-Freemium model for clinics with basic features - Subscription for advanced features (analytics, teleconsultation, branded portal) - Transaction fee on payments (optional) - White-label B2B partnerships with hospitals
6	**Scalability of the Solution**	Designed for clinics, hospitals, and telehealth startups - Global-ready with multi-language, multi-timezone, and multi-currency support - Mobile-first UX with future React Native or Flutter app

		- Modular microservices-based backend for flexibility