Project Design Phase
Proposed Solution Template

Date	21-06-2025
Team ID	LTVIP2025TMID53269
Project Name	DocSpot: Seamless Appointment Booking for Health
Maximum Marks	2 Marks

Proposed Solution for DocSpot App

S. No.	Parameter	Description
1	**Problem Statement** (Problem to be solved)	Patients frequently encounter long wait times, inconvenient appointment scheduling, and poor communication with healthcare providers. Meanwhile, providers struggle with inefficient slot management, follow-ups, and patient data handling.
2	**Idea / Solution Description**	DocSpot is a comprehensive healthcare appointment booking platform that connects patients and healthcare providers seamlessly. It offers real-time availability, secure scheduling, digital payments, and automated reminders. The platform also includes admin tools to manage users and service quality effectively.
3	**Novelty / Uniqueness**	-Instant, real-time visibility of appointment slots - Distinct access levels for patients, doctors, and administrators - Secure, integrated payment processing - Automated reminders via SMS and email - Built-in video consultation functionality
4	**Social Impact / Customer Satisfaction**	- Cuts down on patient waiting times and missed appointments - Expands healthcare access for underserved or remote communities via telemedicine - Enhances communication and engagement between patients and providers - Modernizes traditional, manual booking systems into efficient digital solutions
5	**Business Model (Revenue Model)**	- Free basic version available for clinics - Paid subscriptions for premium features including analytics, telehealth capabilities, and customized branding - Optional commissions on payment transactions - White-label solutions and partnerships targeting hospitals and health networks
6	**Scalability of the Solution**	- Suitable for use by clinics, hospitals, and telehealth startups - Built to support international users with multilingual, multi-currency, and multi-timezone capabilities - Designed with a mobile-first approach, with plans for native mobile

		applications - Employs a modular, microservices backend enabling easy scaling and feature additions