**Project Design Phase**

**Proposed Solution Template**

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

**Proposed Solution for DocSpot App**

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| **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rural or remote access to care via telehealth  - Enhances patient-provider communication  - Digitally transforms outdated booking systems |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 |