**Project Design Phase**

**Proposed Solution**

| Date | 30 August 2025 |
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| Team ID | LTVIP2025TMID61036 |
| Project Name | DocSpot: Seamless Appointment Booking for Health |
| Maximum Marks | 2 Marks |

**Proposed Solution for Freelance Finder**

| **S. No.** | **Parameter** | **Description** |
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| **1** | **Problem Statement** (Problem to be solved) | Patients, doctors, and clinic administrators face difficulties in managing appointments. Manual booking causes delays, double-bookings, and missed appointments. Lack of reminders and real-time availability creates inefficiencies and poor patient experiences. |
| **2** | **Idea / Solution Description** | DocSpot is a healthcare appointment booking platform (React frontend + Node.js backend) that allows patients to book, reschedule, and cancel appointments in real-time. Doctors can manage schedules, and admins can oversee clinic operations. Automated notifications improve reliability. |
| **3** | **Novelty / Uniqueness** | - Real-time doctor availability and instant booking system. - Automated SMS/Email reminders to reduce no-shows.  - Secure patient data management with compliance standards.  - Admin dashboard for centralized management.  - Future-ready teleconsultation integration. |
| **4** | **Social Impact / Customer Satisfaction** | - Reduces waiting times and improves patient experience.  - Helps doctors manage schedules efficiently.  - Enhances trust in healthcare services with secure, transparent systems.  - Promotes digital healthcare adoption in urban and rural areas. |
| **5** | **Business Model (Revenue Model)** | - Freemium model for clinics with basic booking features.  - Subscription plans for hospitals with advanced dashboards and analytics.  - Commission on teleconsultation bookings.  - Premium add-ons like patient insights and advanced reporting. |
| **6** | **Scalability of the Solution** | - Expandable to multiple hospitals, clinics, and geographies.  - Multi-language and multi-location support.  - Cloud-based modular architecture for easy feature expansion.  - Mobile-first design with support for iOS/Android apps. |