**Project Design Phase**

**Proposed Solution Template**

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| Date | **27 June 2025** |
| Team ID | **LTVIP2025TMID60609** |
| Project Name | **DocSpot: Seamless Appointment Booking for Health.** |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in the proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Patients often face difficulty in booking timely appointments with doctors, especially in emergency situations or in areas with limited healthcare access. Current systems are fragmented, lack real-time availability, and require manual follow-ups, resulting in patient dissatisfaction and loss of valuable time |
|  | Idea / Solution description | **DocSpot** is a centralized online platform designed to streamline appointment bookings with healthcare professionals. Users can search for doctors by specialty, location, or availability, and book appointments instantly. The system integrates features like real-time availability, reminders, doctor profiles, ratings, and teleconsultation options. Admin panels for hospitals and clinics allow for easy schedule management. |
|  | Novelty / Uniqueness | Real-time slot availability and instant booking.  AI-powered doctor recommendation based on symptoms.  Integrated video consultation and e-prescription system.  Multi-language and voice support for wider accessibility.  Unified system for both urban and rural healthcare centers. |
|  | Social Impact / Customer Satisfaction | Reduces patient wait times and stress during emergencies.  Enhances healthcare accessibility in rural and semi-urban areas.  Improves transparency and trust through ratings and verified profiles.  Boosts operational efficiency for hospitals and clinics.  Increases health awareness with reminders and follow-ups. |
|  | Business Model (Revenue Model) | Freemium model: Basic features are free; premium for advanced analytics, marketing, and telehealth integrations.  Subscription plans for clinics/hospitals.  Commission on each confirmed booking.  Advertisements for health products or insurance.  Partnerships with diagnostic labs and pharmacies. |
|  | Scalability of the Solution | The platform is built with scalable cloud infrastructure, allowing expansion from small clinics to multispecialty hospitals. It can be adapted to different regions by adding language packs and compliance with local health regulations. Integration with wearable devices and health data systems ensures future adaptability. |