## **Project Design Phase**

**Problem – Solution Fit Template**

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| Date | 23 June 2025 |
| Team ID | LTVIP2025TMID20459 |
| Project Name | Docspot |
| Maximum Marks | 2 Marks |

### **Purpose :**

* To simplify and streamline the healthcare appointment booking process.
* To provide a centralized platform for managing doctor availability and reducing scheduling conflicts.
* To improve patient access to doctors through real-time search and filtering options.
* To enhance communication through reminders and reduce missed appointments.

### **Problems Identified :**

* Booking appointments is often slow, manual, and confusing.
* Patients struggle to find doctors available at suitable times or nearby locations.
* Scheduling overlaps lead to delays or double bookings.
* Lack of reminders or proper communication increases appointment no-shows.
* Managing bookings across various clinics or platforms is inconvenient and inconsistent.

### **Proposed Solution (DocSpot) :**

* A user-friendly platform for searching and booking appointments using filters like availability, location, and specialty.
* Real-time calendar management for doctors to avoid clashes and optimize their schedules.
* Appointment history and status tracking for patients and providers.
* Automated SMS/email reminders to reduce missed appointments.
* Digital health records and prescription access post-consultation.
* Admin tools to approve doctors, monitor platform activity, and manage disputes.