Project Design Phase
Problem – Solution Fit Template

Date	19 February 2026
Team ID	LTVIP2026TMIDS66927
Project Name	Docspot: seamless appointment booking for health
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.