

Project Design Phase
Problem – Solution Fit Template

Date	21-06-2025
Team ID	LTVIP2025TMID53269
Project Name	DocSpot: Seamless Appointment Booking for Health
Maximum Marks	2 Marks

Problem – Solution Fit Overview:

The Problem–Solution Fit ensures that DocSpot effectively addresses the core challenges faced by both patients and healthcare providers in the appointment booking process. Patients often struggle to find the right doctor at the right time, facing delays, lack of transparency, and manual booking hassles. On the other side, healthcare providers deal with disorganized scheduling, high no-show rates, and limited tools to manage availability efficiently.

Purpose:

- To simplify the process of finding and booking doctor appointments for patients.
- To provide doctors with an easy-to-use platform to manage their schedules and bookings.
- To enable secure video consultations for remote healthcare access.
- To centralize appointment booking, payments, and communication in one system.
- To reduce appointment no-shows through automated reminders and notifications.
- To improve access to healthcare by making it faster and more convenient.

Problem Statement:

Patients and healthcare providers face challenges such as:

- Difficulty in quickly finding available doctors based on specialty, location, and timing.
- Lengthy and complicated appointment booking processes.
- Limited access to secure virtual consultations.
- Manual and inefficient management of doctor schedules.
- Appointment overlaps and scheduling conflicts.
- High rates of missed appointments (no-shows).

Solution:**DocSpot offers a seamless appointment booking platform with:**

- A centralized scheduling system to prevent overlaps and missed appointments.
- Easy search and filter options to quickly find available doctors and specialists.
- Automated reminders and communication tools to reduce no-show rates.
- Integration of in-person and video consultation bookings in one platform.
- A unified interface to manage appointments across multiple clinics or healthcare providers.
- Secure payment processing and digital health record management.