

Project Design Phase

Problem – Solution Fit Template

Date	25-06-2025
Team ID	LTVIP2025TMID53520
Project Name	DocSpot: Seamless Appointment Booking for Health
Maximum Marks	2 Marks

Problem–Solution Fit Summary:

The Problem–Solution Fit confirms that **DocSpot** is genuinely addressing the real challenges experienced by both patients and healthcare providers when it comes to booking medical appointments. This step is crucial before taking the platform to a larger audience.

Objective:

- Make the appointment booking process simpler and quicker.
- Offer a unified platform where healthcare providers can manage their schedules without confusion or delays.
- Help patients get timely access to doctors through smart search and efficient booking features.
- Improve communication through automated reminders, reducing missed appointments and last-minute cancellations.

Problem Statement:

Patients and medical professionals currently deal with several issues such as:

- Booking appointments is often complicated and takes too much time.
 - There's no central system to manage schedules, leading to overlapping bookings or missed slots.
 - Poor communication tools mean many patients forget their appointments, resulting in high no-show rates.
 - Finding the right doctor or available specialist can be difficult and time-consuming.
 - Managing appointments across different platforms or locations is frustrating and inefficient.
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Proposed Solution – DocSpot:

DocSpot offers a seamless appointment booking platform with:

- A powerful search tool with filters like specialty, location, and availability to help patients find the right doctor quickly.
- Live calendar access for doctors and clinics to manage their schedules in real-time.
- Automated reminders and alerts to patients to reduce missed appointments.
- Secure user accounts with saved appointment history and user preferences.
- Virtual consultation options through telehealth features.
- Admin dashboard for managing healthcare providers, appointments, and generating useful reports.