**Project Design Phase**

**Problem – Solution Fit Template**

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| **Date** | 25-06-2025 |
| **Team ID** | LTVIP2025TMID58987 |
| **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.

**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.