**Project Design Phase**

**Problem – Solution Fit**

| Date | 26-06-2025 |
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| Team ID | LTVIP2025TMID58962 |
| Project Name | DocSpot: Seamless appointment Booking for Health |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Overview:**

The Problem–Solution Fit ensures that DocSpot effectively tackles the challenges in appointment booking faced by both patients and healthcare providers. This validation is essential before expanding the platform.

**Purpose:**

* Make the appointment booking journey easier and more efficient.
* Offer a unified system for managing schedules to minimize overlaps and wait times.
* Boost patient access to prompt medical care with intelligent search and seamless booking.
* Strengthen communication with automated reminders to lower missed appointments and last-minute cancellations.

### **Problem Statement:**

**Patients and healthcare providers face challenges such as:**

* Complex and time-consuming appointment booking.
* Lack of centralized scheduling causing overlaps and missed appointments.
* Poor communication and reminder systems leading to high no-show rates.
* Difficulty in quickly finding available doctors or specialists.
* Managing appointments across multiple platforms or clinics is inconvenient.

### **Solution:**

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

* Easy search and booking using filters like specialty, location, and availability.
* Real-time calendar management for providers to optimize schedules.
* Automated reminders and notifications to reduce no-shows.
* Secure patient profiles with appointment history and preferences.