**Project Design Phase**

**Problem – Solution Fit Template**

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| Date | 15 February 2025 |
| Team ID | LTVIP2026TMIDS88461 |
| Project Name | DocSpot — Seamless Appointment Booking for Health |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Template:**

**Definition**

The Problem–Solution Fit means identifying a real and meaningful problem faced by your target customers and ensuring that the solution you design directly addresses and resolves that problem effectively.

For **DocSpot — Seamless Appointment Booking for Health**, this means understanding the challenges patients, doctors, and administrators face in managing appointments and building a centralized digital platform that eliminates inefficiencies, reduces manual effort, and improves healthcare coordination.

Problem–Solution Fit helps innovators, entrepreneurs, and product teams identify behavioral patterns, pain points, and decision triggers to design solutions that customers genuinely need and are willing to adopt.

**Purpose**

❑ **Solve complex healthcare coordination problems** in a way that aligns with the daily routines, behaviors, and constraints of patients and doctors.

❑ **Increase solution adoption faster** by integrating into existing digital habits such as mobile usage, email communication, online search, and automated notifications.

❑ **Sharpen communication and marketing strategy** by targeting real frustrations such as long booking times, missed appointments, and lack of transparency in doctor availability.

❑ **Increase touch-points with users** by solving frequent annoyances (manual booking, double scheduling, no reminders) and urgent issues (last-minute appointments, no-shows).

❑ **Understand the current healthcare booking ecosystem** (manual calls, spreadsheets, fragmented systems) and improve it through automation, transparency, and centralized management.

❑ **Build trust and reliability** by ensuring doctor credential verification, secure authentication, and transparent appointment workflows.

**Application to DocSpot**

DocSpot achieves Problem–Solution Fit by:

* Identifying pain points in manual appointment booking
* Providing real-time availability and slot validation
* Reducing no-shows through automated reminders
* Enabling secure role-based access for patients, doctors, and admins
* Offering analytics and monitoring tools for administrators
* Delivering a seamless end-to-end healthcare booking experience

**Template:**

