**Project Design Phase**

# 🔍 Problem – Solution Fit Template — DocSpot

**📅 Date:** 27 June 2025  
**🆔 Team ID:** LTVIP2025TMID57021  
**📌 Project Title:** *DocSpot — Seamless Appointment Booking for Health*  
**🏆 Maximum Marks:** 2 Marks

## 🎯 Problem – Solution Fit Overview

**Definition:**  
The Problem–Solution Fit means that we have identified a real and urgent problem experienced by our target users and have designed a practical, effective solution that directly addresses their needs. This ensures that our product — DocSpot — is relevant, useful, and impactful from day one.

### 💡 Purpose:

* To solve the challenge of inefficient and frustrating appointment booking systems in the healthcare domain.
* To speed up solution adoption by aligning it with users’ existing habits (digital access, mobile-first behavior).
* To craft clear messaging that resonates with user frustrations (wait times, lack of confirmation, booking conflicts).
* To increase engagement and trust by solving a frequent, urgent problem faced by both patients and clinics.
* To understand the pain points in the current medical appointment system and improve the experience through a tech-enabled, user-friendly platform.

## 🩺 Problem:

Patients and clinics currently face the following issues with traditional appointment systems: - Long wait times and queue-based appointments - No real-time availability insights - High chances of double-booking - Lack of automated confirmations and reminders - Difficulty managing or rescheduling appointments

## 💊 Our Solution: DocSpot

DocSpot is a digital platform that offers: - Instant booking with real-time doctor availability - SMS/email confirmation and reminders - Easy rescheduling or cancellation - Dedicated dashboards for both patients and doctors - Secure, cloud-based appointment records

## 🧩 Problem–Solution Alignment

| Element | Problem | DocSpot’s Solution |
| --- | --- | --- |
| Accessibility | Clinics only accessible via phone or walk-in | 24/7 online platform with mobile access |
| Booking Accuracy | Double-bookings or overbooking | Real-time slot updates & availability check |
| Confirmation | No confirmation or follow-up | Instant SMS/email confirmations |
| Rescheduling | Manual, time-consuming | Self-service portal for patients |
| Record Keeping | Paper-based or scattered records | Cloud database with appointment history |