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