

Project Design Phase
Problem – Solution Fit Template

Date	3 December 2025
Team ID	
Project Name	Medifolio - Doctor Appointment Booking System
Maximum Marks	2 Marks

Problem – Solution Fit Overview:

The Problem–Solution Fit ensures that the Medifolio system directly addresses the real issues faced by patients, doctors, and clinics during the appointment process. It validates that the solution effectively reduces booking delays, improves communication, and provides a smoother healthcare experience.

Purpose:

- Make it easier for patients to find the right doctor and book appointments quickly.
- Provide doctors with a simple system to manage schedules and respond to appointment requests.
- Create a single platform where users, doctors, and admins can interact without depending on multiple tools.
- Reduce confusion by offering real-time updates, notifications, and accurate appointment history.
- Improve trust and transparency between users and healthcare providers.

Problem Statement:

Many patients and clinics face difficulties such as:

- No streamlined way to search for doctors and check availability.
- Long waiting times and manual booking processes.
- Lack of real-time updates on appointment status.
- Limited visibility for users to track their past and upcoming appointments.
- Doctors struggle to manage time slots and respond to requests efficiently.
- Admins have no centralized system to review doctor applications or manage users.

Solution:

Medifolio, provides a complete digital system that simplifies doctor appointment bookings:

- **User-Friendly Appointment Booking:** Patients can search, filter, and book doctors easily.
- **Real-Time Availability:** Updated schedules help users select accurate slots.
- **Doctor Application System:** Users can apply to become doctors, with admin approval.
- **Admin Dashboard:** Admins can review doctor requests, manage users, and update platform data.
- **Doctor Panel:** Doctors can manage schedules, view appointment requests, and accept/reject bookings.
- **Notifications & Updates:** Users receive instant alerts about appointment status.
- **Appointment History:** Patients can view all their past and upcoming bookings in one place.