

Project Design Phase
Proposed Solution Template

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

Proposed Solution for Medifolio - Doctor Appointment Booking System

S. No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Patients often struggle to find the right doctor, check availability, and book appointments without delays. Clinics rely on manual processes that cause long wait times, miscommunication, and scheduling conflicts. There is no single platform that connects users, doctors, and admins efficiently.
2	Idea / Solution Description	Medifolio is a web-based appointment booking system where users can search for doctors, view their availability, and book appointments easily. Doctors can manage their schedules and respond to appointment requests, while admins can review doctor applications and manage user data. The platform ensures smooth communication, real-time updates, and organized appointment handling.
3	Novelty / Uniqueness	<ul style="list-style-type: none"> • Unified system for users, doctors, and admins • Real-time appointment status updates and notifications • Doctor application & verification process managed by admin • Easy schedule management for doctors • Simple, accessible interface for all user types
4	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> • Reduces waiting time and improves access to medical services • Helps doctors manage appointments more efficiently • Provides transparency and trust between patients and healthcare providers • Supports digital healthcare adoption with user-friendly tools
5	Business Model (Revenue Model)	<ul style="list-style-type: none"> • Free access for users to search and book doctors • Optional subscription for doctors for highlighted listings • Clinics can opt for premium features such as analytics, performance reports, and appointment optimization tools • Future add-ons include teleconsultation and digital prescriptions

6	Scalability of the Solution	<ul style="list-style-type: none">• Can be expanded to multiple cities, clinics, and specializations• Ready for mobile app integration using React Native in the future• Modular architecture supports easy integration of new features like video consultations, automated reminders, and health record management• Designed to handle a growing number of users, doctors, and appointments
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