

Project Design Phase

Proposed Solution

Date	30 March 2025
Team ID	SWTID1743517106
Project Name	Medicare: Book a Doctor
Maximum Marks	2 Marks

Proposed Solution:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In today's fast-paced life, patients face challenges in booking doctor appointments, such as long queues, lack of availability info, and limited flexibility. Doctors also lack a centralized system to manage appointments and earnings efficiently.
2.	Idea / Solution description	“Medicare” is a web-based platform that allows users to book doctor appointments online, search by specialization, choose date/time slots, and make payments (online or cash). Doctors can manage their profile, fees, and view appointments and earnings. The admin can manage doctors and monitor bookings through a dashboard.
3.	Novelty / Uniqueness	Unlike traditional systems, this solution offers a role-based interactive dashboard for doctors, patients, and admin. It simplifies scheduling with real-time slot booking and integrates earnings tracking for doctors — all built with the modern MERN stack.
4.	Social Impact / Customer Satisfaction	Enhances healthcare accessibility by minimizing wait times, ensuring informed decisions through doctor profiles and addresses, and improving convenience for both patients and doctors. Enables digital health transformation especially in semi-urban and urban settings.
5.	Business Model (Revenue Model)	The platform can earn revenue through subscription plans for doctors, commission on online payments, promotional placements for clinics, and premium features for patients (like instant booking)

6.	Scalability of the Solution	The system can scale to accommodate more specializations, hospitals, telemedicine modules, prescription tracking, and integration with diagnostic labs. It can be expanded to mobile apps and multi-language support for regional accessibility.
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