

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	24-12-2025
Team ID	
Project Name	MediCareBook – Doctor Appointment Booking
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

Functional Requirements – MediCareBook

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Authentication	Sign up, Login, Logout
		Role-based Login (Admin / Doctor / Patient)
FR-2	Doctor Browsing & Discovery	Browse Doctors
		Search & Filter by Specialization
		View Doctor Profile & Details
FR-3	Appointment Booking	Book Appointment
		Select Date & Time
		Receive Confirmation / Notifications
FR-4	Appointment Management	View Appointment History
		Track Appointment Status (Approved / Rejected / Pending)
FR-5	Doctor Module	Manage Profile
		Approve / Reject Appointments
FR-6	Admin Module	Manage Users
		Manage Doctors
		Monitor System Activities

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Interface should be clean, simple, and user-friendly.
NFR-2	Security	Secure authentication, HTTPS, encrypted data storage.
NFR-3	Reliability	Pages should load within 2 seconds.
NFR-4	Performance	System should handle operations without failure.
NFR-5	Availability	System should provide 99.9% uptime.
NFR-6	Scalability	System should support increasing users and books smoothly.