

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

Date	17 July2025
Team ID	LTVIP2025TMID54894
Project Name	DocSpot: Seamless Appointment Booking for Health
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Appointment Booking	View list of available doctors Book appointment with selected doctor Receive confirmation
FR-4	Admin Controls	Approve/Reject doctor registrations Manage users and appointments View feedback and reports
FR-5	Doctor Profile Management	Update profile (bio, image, availability, fees) Upload visit summaries
FR-6	Notification System	Notify users about appointment status Notify doctors about booking/cancellations

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should be intuitive, responsive, and accessible across devices.
NFR-2	Security	User data and appointments must be secured using JWT, bcrypt, HTTPS.
NFR-3	Reliability	The system should function without crashes or failures during typical usage.
NFR-4	Performance	The application should respond within 1–2 seconds for major actions.
NFR-5	Availability	The system should be available 99.9% of the time, even under moderate load.
NFR-6	Scalability	The application should handle increasing users/doctors/appointments over time.