

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

Date	26 JUNE 2025
Team ID	LTVIP2025TMID29324
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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Appointment Booking	- View Doctors List - Filter by Speciality/Availability - Select Slot and Upload Documents
FR-4	Appointment Management	- View Upcoming Appointments - Reschedule or Cancel Appointment - View Appointment Status
FR-5	Doctor Management (Admin)	Approve or Reject Doctor Registration - View Doctor Details
FR-6	Doctor Appointment Handling	- View Patient Requests - Confirm or Reschedule Appointments - Mark Appointments as Completed

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The platform should be intuitive, user-friendly, and accessible for all roles.
NFR-2	Security	User data must be encrypted; authentication and authorization should be enforced.
NFR-3	Reliability	The system should perform consistently and handle failure gracefully.

NFR-4	Performance	Page loads, appointment booking, and dashboard interactions should be fast.
NFR-5	Availability	The platform should have 99.9% uptime and be accessible at all times.
NFR-6	Scalability	The system should support increasing users, doctors, and appointments smoothly.