

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

Date	25 JUNE 2025
Team ID	LTVIP2025TMID54908
Project Name	DocSpot – Seamless Appointment Booking for Health
Maximum Marks	4 Marks

Functional Requirements:

FR No. Functional Requirement (Epic) Sub Requirement (Story / Sub-Task)

FR-1	User Registration	<ul style="list-style-type: none">- Registration through Form- Registration through Gmail- Registration through LinkedIn
FR-2	User Confirmation	<ul style="list-style-type: none">- Confirmation via Email- Confirmation via OTP
FR-3	Doctor Management	<ul style="list-style-type: none">- Doctor Profile Creation- Slot Setup for Availability- Specialization & Location Input
FR-4	Appointment Booking	<ul style="list-style-type: none">- Doctor Filtering- Slot Selection- Uploading Documents- Booking Confirmation
FR-5	Admin Approval & Controls	<ul style="list-style-type: none">- View & Approve Appointments- Manage Doctor Accounts
FR-6	Notifications & Booking History	<ul style="list-style-type: none">- Email Reminders- View Past & Future Bookings

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Interface should be intuitive, responsive, and accessible for mobile/web users
NFR-2	Security	User data must be encrypted; JWT-based authentication used for access control
NFR-3	Reliability	System should ensure accurate appointment tracking and error-free transactions

FR No.	Non-Functional Requirement	Description
NFR-4	Performance	System should handle high user load with minimal latency during peak hours
NFR-5	Availability	Platform should maintain 99.9% uptime, especially during clinic hours
NFR-6	Scalability	Should be able to support more users, doctors, and locations as it grows
