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

Date	29 June 2025
Team ID	LTVIP2025TMID58951
Project Name	Docspot: Seamless Appointment Booking For Health
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

Functional Requirements – Doscpot

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Authentication	Sign up, Login, Password Reset
		OAuth login using Google / GitHub
FR-2	**Appointment Booking**	Search doctors by specialty, location, and availability
		Book, reschedule, and cancel appointments
FR-3	**Calendar & Schedule Management**	Freelancers apply to jobs
		View upcoming and past appointments
FR-4	**Notifications & Reminders**	Automated SMS/email reminders for upcoming appointments

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The platform should provide a simple, clean UI for all users, including providers.
NFR-2	Security	All patient and appointment data must be encrypted. Implement role-based access and secure authentication
NFR-3	Reliability	Appointment booking, notifications, and telehealth services must be available and dependable at all times.
NFR-4	Performance	Pages and booking actions should load within 2 seconds; reminders and notifications should be timely.
NFR-5	Availability	The system should ensure 99.9% uptime with minimal downtime.
NFR-6	Scalability	Support a growing number of users, providers, and concurrent bookings without degradation.