

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

Date	26-05-2025
Team ID	LTVIP2025TMID20377
Project Name	DocSpot
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Functional Requirements – Music Streaming App**

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
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<b>NFR-1</b>	<b>Usability</b>	The platform should provide a simple, clean UI for all users, including providers.
<b>NFR-2</b>	<b>Security</b>	All patient and appointment data must be encrypted. Implement role-based access and secure authentication
<b>NFR-3</b>	<b>Reliability</b>	Appointment booking, notifications, and telehealth services must be available and dependable at all times.
<b>NFR-4</b>	<b>Performance</b>	Pages and booking actions should load within 2 seconds; reminders and notifications should be timely.
<b>NFR-5</b>	<b>Availability</b>	The system should ensure 99.9% uptime with minimal downtime.
<b>NFR-6</b>	<b>Scalability</b>	Support a growing number of users, providers, and concurrent bookings without degradation.