

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

Date	18/07/ 2025
Team ID	LTVIP2025TMID55879
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	Payment successful	User payment successful

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The system should provide an intuitive and user friendly interface for all types of users including patients, doctors and admins
NFR-2	<b>Security</b>	All sensitive patient data must be encrypted and comply with healthcare privacy regulations
NFR-3	<b>Reliability</b>	The system must ensure consistent performance with minimal downtime booking cancellations and confirmations.
NFR-4	<b>Performance</b>	The application should respond to user actions within 2 seconds, even under high load without any lag
NFR-5	<b>Availability</b>	The system should be available 24/7, with a minimum uptime of 99.9% to support bookings at any time
NFR-6	<b>Scalability</b>	The platform should be scalable to support a growing number of users, doctors, and appointments.