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

Date	31 January 2025
Team ID	SWTID1743517106
Project Name	Book a Doctor
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 Gmail
FR-2	Appointment Booking	Patient books appointment, doctor accepts or rejects
FR-3	Patient Dashboard	View appointments, availability of doctors, book doctors and payment history
FR-4	Doctor Dashboard	View patient requests, manage schedule
FR-5	Admin Dashboard	User management, role assignment, view reports

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Clean, modern UI using React.js and Tailwind CSS
NFR-2	**Security**	User authentication, secure data storage
NFR-3	**Reliability**	MongoDB Atlas ensures consistent data access
NFR-4	**Performance**	Fast load times, optimized backend with Node.js
NFR-5	**Availability**	Hosted on scalable cloud platform with 99.9% uptime
NFR-6	**Scalability**	Supports growing number of users and patient records