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

Date	26.06.2025
Team ID	SWUID20250170870
Project Name	Freelancing Application Mern
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

Functional Requirements – Free Lancing App

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	**User Authentication**	Create and edit user profile Secure login and logout option
FR-2	**Post System**	Post and edit project details (clients) View and filter project listings (freelancers)
FR-3	**Bid & Collaboration**	Submit and manage bids (freelancers)
FR-4	**Profile Management**	Real-time chat for project discussions

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, engaging UI for all user types.
NFR-2	Security	All data exchanges must use encryption, with role-specific access controls and secure tokens.
NFR-3	Reliability	Ensure project submissions, chats, and admin actions function consistently under load.
NFR-4	Performance	Pages and actions (e.g., bid submission) should load within 2 seconds.
NFR-5	Availability	The system should achieve 99.9% uptime to support continuous access.
NFR-6	Scalability	Must handle increasing users and integrate new features via a modular design.