

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

Date	20 February 2026
Team ID	LTVIP2026TMIDS77212
Project Name	FreelanceFinder: Discovering Opportunities, Unlocking Potential
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 Role selection (Client / Freelancer / Admin) Secure password creation
FR-2	User Authentication	Login using Email & Password JWT-based authentication
FR-3	Project Posting (Client)	Create project with title & description Set budget & deadline Attach documents
FR-4	Freelancer Browsing & Search	View project listings on dashboard Filter by category / budget / skills
FR-5	Bidding System	Submit proposal with quotation Attach portfolio samples Track bid status
FR-6	Project Management	Client selects freelancer Milestone-based project tracking Update project status (Pending / Ongoing / Completed) Accept / Reject / Reschedule bookings
FR-7	Communication System	In-platform chat between client & freelancer Real-time messaging & file sharing
FR-8	Admin Governance	Approve user accounts if needed Monitor platform activity Handle disputes

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple, intuitive interface allowing clients to post projects and freelancers to bid easily without technical complexity.
NFR-2	Security	JWT authentication, encrypted passwords, secure payment gateway integration, and protected file uploads.
NFR-3	Reliability	Accurate bid tracking, secure transaction handling, and consistent data loss.
NFR-4	Performance	Fast dashboard loading and smooth API communication between React frontend and Express backend.
NFR-5	Availability	Platform accessible 24/7 for clients, freelancers, and admins.
NFR-6	Scalability	MERN stack architecture allows expansion to support large numbers of users and projects.