

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

Date	4 December 2025
Team ID	
Project Name	FreelanceX -Freelance Finder
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	<ul style="list-style-type: none">• Users can create an account as a freelancer or client.• Users can log in securely using email and password.• Users can reset their password through a verification process.• Optional: Social login support (Google / GitHub) for faster access.
FR-2	Job Posting & Discovery	<ul style="list-style-type: none">• Clients can create, edit, and publish freelance job listings.• Freelancers can browse, search, and filter available jobs by skills, budget, and category.

		<ul style="list-style-type: none"> • Job details should be displayed clearly for easy comparison.
FR-3	Job Application & Management	<ul style="list-style-type: none"> • Freelancers can submit proposals with pricing, timelines, and descriptions. • Clients can review, shortlist, or reject applications. • Both parties can track project status from their dashboards.
FR-4	Messaging system	<ul style="list-style-type: none"> • Real-time chat between clients and freelancers. • Users receive instant notifications for new messages. • Conversation history is stored securely.
FR-5	Profile & Portfolio Management	<ul style="list-style-type: none"> • Freelancers can update their skills, description, and upload sample work. • Clients can update business details and hiring preferences. • Profiles should be visible to all users during job browsing.
FR-6	Review & Rating System	<ul style="list-style-type: none"> • After project completion, both users can leave reviews. • Ratings contribute to profile credibility and future visibility. • Reviews are stored and displayed publicly.

FR-7	Payment Processing	<ul style="list-style-type: none"> • Clients can make secure payments after project completion. • Payment records appear in both users' transaction histories. • System logs every payment for accountability.
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Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The platform must be simple, intuitive, and easy for beginners. Navigation should be clear, and all primary actions must be accessible within a few clicks.
NFR-2	Security	All user data must be encrypted in transit and at rest. Role-based access control and token-based authentication should be implemented for safe usage.
NFR-3	Reliability	Core features like job posting, messaging, and application submission must work consistently without errors, even under high user load.
NFR-4	Performance	Pages should load within 2 seconds, and messaging and proposal submission should be nearly instant to ensure smooth interaction.

NFR-5	Availability	The platform should maintain 99.9% uptime, ensuring that freelancers and clients can access services at all times.
NFR-6	Scalability	The system should support increasing numbers of users, job posts, and messages. The architecture must allow rapid feature expansion as the platform grows.