

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

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

FR-7	<b>Payment Processing</b>	<ul style="list-style-type: none"> <li>• Clients can make secure payments after project completion.</li> <li>• Payment records appear in both users' transaction histories.</li> <li>• System logs every payment for accountability.</li> </ul>
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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	<b>Usability</b>	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	<b>Security</b>	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	<b>Reliability</b>	Core features like job posting, messaging, and application submission must work consistently without errors, even under high user load.
NFR-4	<b>Performance</b>	Pages should load within 2 seconds, and messaging and proposal submission should be nearly instant to ensure smooth interaction.

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