

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

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| Date | 26-05-2025 |
| Team ID | LTVIP2025TMID52984 |
| Project Name | 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 | Sign up, Login, Password Reset |
| | | OAuth login using Google / GitHub |
| FR-2 | Job Posting & Discovery | |
| | | Post freelance jobs (clients) |
| | | Browse and search jobs (freelancers) |
| | | Create and Manage Playlists |
| FR-3 | Job Application & Management | Freelancers apply to jobs |
| | | Clients review and shortlist applications |

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| FR-4 | Messaging | Real-time chat between freelancers and clients |
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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 should offer a clean, intuitive UI for users of all skill levels. |
| NFR-2 | Security | All data transfers must be encrypted. Implement role-based access and token auth. |
| NFR-3 | Reliability | Ensure job posting, messaging, and payments work reliably under all conditions. |
| NFR-4 | Performance | Pages should load within 2 seconds. Chat and job posting actions should be near-instant. |
| NFR-5 | Availability | The system should maintain 99.9% uptime across all services. |
| NFR-6 | Scalability | |

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| | | Should support high concurrency and rapid feature scaling through microservices. |
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