**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| --- | --- |
| Date | 26-06-2025 |
| Team ID | LTVIP2025TMID59482 |
| Project Name | ALPHA Works – FreelanceFinder |
| 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** | |  | | --- | |  |  |  | | --- | | **Project Management** | | Clients post new freelance jobs Freelancers apply/bid to jobs Edit/delete posted projects |
| **FR-3** | **Profile & Dashboard** | View and update user profile View active, pending, and completed projects |
| **FR-4** | **Messaging & Communication** | Real-time chat between clients and freelancers Notification for new messages |

**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, clean UI for all users, including patients and healthcare providers. | |
| **NFR-2** | **Security** | |  | | --- | | All user data and transactions must be encrypted. Role-based access and secure authentication are required. | |
| **NFR-3** | **Reliability** | |  |  | | --- | --- | | |  | | --- | | Core services like bidding, payments, and messaging must be available and dependable at all times. | | |
| **NFR-4** | **Performance** | Pages and bidding/payment actions should load within 2 seconds. Real-time alerts must be instant. |
| **NFR-5** | **Availability** | |  | | --- | | Ensure 99.9% uptime with minimal downtime and robust error handling. | |
| **NFR-6** | **Scalability** | |  | | --- | | Support growing numbers of users and projects without affecting system performance. | |