**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 19 June 2025 |
| Team ID | LTVIP2025TMID55793 |
| 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  • Registration through Gmail |
| FR-2 | User Login | • Login with Email and Password |
| FR-3 | Profile Management | • create/update Client profile  • create/update freelancer Profile(including skills and portfolio) |
| FR-4 | Project Management(client) | • Post new project and view bids on project  • select freelancer for project  • review submitted work  •Provide feedback/Rating for freelancer. |
| FR-5 | Project management(Freelancer) | • Browser/Filter projects  • submit Bids on projects  • submit completed project work. |
| FR-6 | Communication&collaboration | • Integrated Chat System for Client-Freelancer Communication  • Real-time Updates and Notifications |
| FR-7 | Admin Panel | •Manage Users(clients and freelancers)  • Manage Projects/transactions |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **NFR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | Usability | User-friendly UI with simple navigation and responsive design using Bootstrap and Material UI libraries. |
| NFR-2 | Security | Secure handling of user data, ensuring integrity and security of every transaction and user-contributed content. |
| NFR-3 | Reliability | Consistent functionality and stable performance under varying user loads and interactions. |
| NFR-4 | Performance | Fast response times for Browse projects, submitting bids, communicating, and loading dashboards, facilitated by Express.js and MongoDB. |
| NFR-5 | Availability | The platform should aim for high uptime to be the go-to platform for users seeking opportunities. |
| NFR-6 | Scalability | The client-server model with Express.js backend .MongoDB data storage offers a scalable solution for future growth. |