**Project Design Phase-II**

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

Date 26-05-2025

Team ID : LTVIP2025TMID55745

Project Name Freelance Finder

Maximum Marks 4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Functional Requirements -- Freelance Finder Platform**

+------+--------------------------+------------------------------------+  
| **FR | Functional Requirement | Sub Requirement (Story / |  
| N | (Epic) | Sub-Task) |  
| o.** | | |  
+======+==========================+====================================+  
| **FR | User Management | Freelancer registration with |  
| -1** | | portfolio upload |  
| | | |  
| | | Client registration with |  
| | | verification |  
| | | |  
| | | OAuth login using Google/GitHub |  
+------+--------------------------+------------------------------------+  
| **FR | Project Management | Clients can post projects with |  
| -2** | | detailed requirements |  
| | | |  
| | | Freelancers can browse/search |  
| | | projects |  
| | | |  
| | | Project status tracking |  
+------+--------------------------+------------------------------------+  
| **FR | Bidding System | Freelancers can submit proposals |  
| -3** | | with bids |  
| | | |  
| | | Clients can review and accept |  
| | | proposals |  
| | | |  
| | | Bid negotiation features |  
+------+--------------------------+------------------------------------+  
| **FR | Messaging System | Real-time chat between clients |  
| -4** | | and freelancers |  
| | | |  
| | | File sharing capability |  
| | | |  
| | | Conversation history |  
+------+--------------------------+------------------------------------+  
| **FR | Payment Processing | Secure escrow payment system |  
| -5** | | |  
| | | Multiple payment methods |  
| | | |  
| | | Milestone payments |  
+------+--------------------------+------------------------------------+  
| **FR | Review System | Rating and feedback for completed |  
| -6** | | projects |  
| | | |  
| | | Skill endorsements |  
+------+--------------------------+------------------------------------+

**Non-functional Requirements:**

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

+----+-------------+--------------------------------------------------+  
| \* | *Non |****Description****|  
| N | -Functional | |  
| FR | Re | |  
| N | quirement | |  
| o. | | |  
| \*\* | | |  
+====+=============+==================================================+  
| \* | \*\* | Intuitive interface for both clients and |  
| N | Usability* | freelancers with clear navigation and minimal |  
| FR | | learning curve |  
| -1 | | |  
| \*\* | | |  
+----+-------------+--------------------------------------------------+  
| \* | \* | End-to-end encryption for all communications |  
| *N | Security* | and transactions |  
| FR | | |  
| -2 | | Two-factor authentication option |  
| \*\* | | |  
+----+-------------+--------------------------------------------------+  
| \* | \**Re | Platform must maintain consistent performance |  
| N | liability* | during high traffic periods |  
| FR | | |  
| -3 | | Secure data backup and recovery system |  
| \*\* | | |  
+----+-------------+--------------------------------------------------+  
| \* | \**Pe | Project listings load within 1.5 seconds |  
| N | rformance* | |  
| FR | | Real-time messaging with <500ms latency |  
| -4 | | |  
| \*\* | | |  
+----+-------------+--------------------------------------------------+  
| \* | \**Ava | 99.9% uptime SLA for core functionality |  
| N | ilability* | |  
| FR | | Maintenance windows communicated in advance |  
| -5 | | |  
| \*\* | | |  
+----+-------------+--------------------------------------------------+  
| \* | \*\*Sc | Support 10,000+ concurrent users |  
| *N | alability*\* | |  
| FR | | Horizontal scaling capabilities |  
| -6 | | |  
| \*\* | | |  
+----+-------------+--------------------------------------------------+  
| \* | **Com | RESTful API for third-party integrations |  
| \*N | patibility**| |  
| FR | | Cross-browser and mobile responsive support |  
| -7 | | |  
| \*\* | | |  
+----+-------------+--------------------------------------------------+

**Key Improvements Made:**

1. Replaced medical-specific requirements with freelance platform features
2. Added bidding system and payment processing requirements
3. Enhanced security requirements for financial transactions
4. Included scalability for high user concurrency
5. Added compatibility requirements for API integrations
6. Focused on project lifecycle management