**Requirement Gathering and Analysis Phase**

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

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| --- | --- |
| Date | 04-07-2024 |
| Team ID | SWTID1720010107 |
| Project Name | Freelancing Application - Hireconnect |
| Maximum Marks |  |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Freelancers searching for | View Freelancers  Search freelancers  Filter freelancers |
| FR-4 | Bounties | View bounties  Search bounties  Filter bounties  View detailed bounty description |
| FR-5 | Hiring | Hire a freelancer  Negotiate with freelancer through chat  Bid price for a freelancer  Apply for a bounty |
| FR-6 | Dashboard | Access user dashboards  Access project dashboards |
| FR-7 | FAQs | Post FAQs |
| FR-8 | Premium Subscriptions | Pay for a premium subscription |
| FR-9 | Miscellaneous | Admin post advertisements  Gain rewards and achievements   |  | | --- | |  |  |  | | --- | | Admin manage rewards and achievements | |
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**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | The system should have an intuitive and user-friendly interface that allows freelancers and clients to easily navigate, post jobs, apply for jobs, manage subscriptions, and make payments. |
| NFR-2 | **Security** | The platform must ensure data protection through encryption, secure authentication methods, and regular security audits to protect sensitive user information such as personal details and payment information. |
| NFR-3 | **Reliability** | The system should provide consistent performance and uptime, ensuring that the platform is dependable and operates correctly under specified conditions. Regular backups and disaster recovery plans should be in place. |
| NFR-4 | **Performance** | The platform should have fast load times and quick response to user actions, even under peak load conditions. This includes efficient handling of database queries and optimizing server response times. |
| NFR-5 | **Availability** | The system should be available all of the time, ensuring that users can access the platform whenever needed. This involves implementing redundant systems and failover mechanisms. |
| NFR-6 | **Scalability** | The solution should be able to handle growth in the number of users and transactions by scaling horizontally or vertically. This includes the ability to add more servers or resources to accommodate increased load. |