

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID43310 |
| Project Name | Skill / Job Recommender Application |
| 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 Registration through LinkedIn |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User Login | Login using registered credentials |
| FR-4 | User Profile | Create a profile with details like education, work experience, skills, and other personal and professional details |
| FR-5 | Job Application | User can apply for an open job position based on his/her relevant skillsets |
| FR-6 | Chatbot | User queries, search recommendations, doubt clarifications, and etc can be resolved using chatbots |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | Users are provided with simple and intuitive UI which is easy to use and navigate throughout the application. |
| NFR-2 | Security | <ul style="list-style-type: none">• Authentication is ensured by user credentials with two step verification.• Privacy is ensured by allowing users to choose who can view their profile and other data. |
| NFR-3 | Reliability | The system is ensured to perform without failure for 90% of the use cases without exceeding the downtime of 10 hours in a month. |

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|-------|---------------------|--|
| NFR-4 | Performance | <ul style="list-style-type: none"> • The data processing time is ensured to be less than five seconds. • The response time by the server for client's request is ensured to be less than two seconds. • The query time of the database is ensured to be less than three seconds. |
| NFR-5 | Availability | The system is made available to all types of users during any time. |
| NFR-6 | Scalability | The system can be scaled using cloud services to meet the increase in new customers. |