

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

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| Date | 4 November 2022 |
| Team ID | PNT2022TMID28999 |
| Project Name | Skill/Job Recommender Application |

Functional Requirements:

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|--------|-------------------------------|---|
| FR-1 | Sign in / Login | Registering with username and password |
| FR-2 | Profile Registration | Registering with username, password, email, qualification, skills. These data will be stored in a database. |
| FR-3 | Job profile display | This will display job profiles based on availability, location, skills. |
| FR-4 | Chatbot | A chat on the webpage to solve user queries and issues. |
| FR-5 | Job Registration | The company's registration/Description details will be sent to the registered email id of the user. |
| FR-6 | Logout | This option is for leaving the site after completing the job registration process. |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | It is easy for any non-technical user ,where they can easily navigate through it and complete the job registration work. (easy and simple design) |
| NFR-2 | Security | Python flask is used for cloud connection and that will provide security to the project. Database will be safely stored in DB2. |
| NFR-3 | Reliability | To make sure the webpage doesn't go down due to network traffic. |

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|-------|---------------------|---|
| NFR-4 | Performance | Focus on loading the webpage as quickly as possible irrespective of the number of user/integrator traffic. |
| NFR-5 | Availability | The webpage will be available to all users (network connectivity is necessary) at any given point of time. |
| NFR-6 | Scalability | Increasing the number of users by increasing the storage space in the database . By enhancing some features in the future which will make a webpage more reliable and attractive. |