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

Date	03 October 2022
Team ID	PNT2022TMID15428
Project Name	Project - Skill / Job Recommender-Cloud Application Development
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	Job profile display	Display job profiles based on availability, location, skills
FR-4	Chatbot	A chat on the webpage to solve user queries and issue
FR-5	Job registration	Copy of the company the user applied for with its registration/description details will be sent to the registered email id.
FR-6	Logout	Logout Confirmation

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	1. The webpage will be designed in such a way that any non-technical user can easily navigate through it and complete the job registration work. (Easy and Simple design.) 2. Reduce information overload by generating personalized job suggestions.
NFR-2	**Security**	1. Using of SSL certificate (Python Flask to Cloud connect) will provide security to the project. 2. Database will be safely stored in DB2.
NFR-3	**Reliability**	To make sure the webpage doesn't go down due to network traffic
NFR-4	**Performance**	1. Focus on loading the webpage as quickly as possible irrespective of the number of user/integrator traffic. 2. Carry out an evaluation to quantify empirically the recommendation abilities of two state-of-the-art methods, considering different configurations, within the proposed framework
NFR-5	**Availability**	1. The scraper is set up to avoid duplicate job offers, thus all the job offers are unique. 2. To making the user reliable. This webpage will be available to all users (network connectivity is necessary) at any given point of time. 3. Made publicly available a new dataset formed by a set of job seekers profiles and a set of job vacancies collected from different job search engine sites.
NFR-6	**Scalability**	1. Increasing the storage space of database can increase the number of users. 2. Add some features in future to make the webpage unique and attractive