

## Project Design Phase-II

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

Date	29 October 2022
Team ID	PNT2022TMID14990
Project Name	Skill and Job Recommender
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/Email Registration through LinkedIn Registration through app.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP and via OTP send to mobile
FR-3	User Dashboard	Update User Details and profile Upload Resume and store it in the database.
FR-4	User Portal	Recommendations based on profile information Recommendations based on the availability of skills in their profile Recommendations based on profile information for learning opportunities Get the latest news about living and working conditions
FR-5	Chat-bot/Job Search API	Recommendations based on your search query they type in the chatbot. Search query-based recommendations for learning opportunities Find news articles related to living and working conditions based on your search query

#### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Users who are seeking for employment with better jobs based on their skills.
NFR-2	<b>Security</b>	The privacy of the users should be guaranteed in the system. It must be security based application without sharing their profiles in other websites

		without their permission.
NFR-3	<b>Reliability</b>	Integrity and consistency of the recommender engine and all its transactions should be ensured by this.
NFR-4	<b>Performance</b>	The recommender engine should generate recommendations within a time frame of 500 milliseconds and it should have better performance.
NFR-5	<b>Availability</b>	The recommender engine should be available 24/7 to provide suggestions to the end user. Using chatbot we can available to the user.
NFR-6	<b>Scalability</b>	The recommender engine should be scalable.