

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

Date	16 October 2022
Team ID	PNT2022TMID34860
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	User Registration	New user needs to enter their credentials to register.
FR-2	User Confirmation	Confirmation mail send to the users. If the user forgot the password, there will be an option to reset the password via email.
FR-3	Login	Only registered users can login. The account will be log out only if the user logged out the account.
FR-4	Create profile	User can upload their education qualification and skills to create the professional profile. These details help them to get the job recommendations in related fields.
FR-5	Job Search API	We can use a job search API to get the current job opening in the market which will fetch the data directly from the web page.
FR-6	Chatbot	Users can interact with the Chatbot. It will help them to clarify the doubts about use cases.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Users can easily access the web application. They can easily understand the use case.
NFR-2	Security	The user who enters the correct user's name, password or security questions. After a certain number of login attempts, the security system may lock an account to protect a user's information from potential hackers.
NFR-3	Reliability	Reliability specifies the system that is highly reliable functions with the same or similar efficiency after extensive use. The system must perform without failure in ninety percent of use cases during a month.
NFR-4	Performance	Notifications will be delivered on time. Job and internship recommendation will be based on the user's skillset. Easy interaction with the organization

		members. Fast performance and less internet consumption.
NFR-5	Availability	The web application is platform independent. The user can search job based on their area of interest and skill. Internship is also provided.
NFR-6	Scalability	Increase in users and load wouldn't affect the web application. High data storage capacity and system independent.