

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

Date	22 October 2022
Team ID	PNT2022TMID19135
Project Name	Skill Based 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	Chatbot	To solve user's queries regarding searching/applying for a job etc..
FR-4	User Logic	Login through forms Login through Gmail account
FR-5	User Profile	Update user's details/resume
FR-6	Search For Jobs	Based on Job filters and skill recommendations
FR-7	Alert Users	Notify users when relevant openings and deadlines come up.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Useful for job seekers to login and search for jobs based on his/her skill set
NFR-2	Security	Secured login for users by password or gmail account.
NFR-3	Reliability	To make sure that the system performs without failure in above 90% of use cases within a month.
NFR-4	Performance	To decrease the server response time by how, the application performs faster.

NFR-5	Availability	The application shall be monitored so that the server down time is minimized and is available.
NFR-6	Scalability	The application can be scaled up and down easily since Kubernetes is used to orchestrate the application