

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

Date	17 October 2022
Team ID	PNT2022TMID22478
Project Name	Project - Skill/ 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	1.Registration through Form 2.Registration through Gmail 3.Registration through LinkedIn
FR-2	User Confirmation	1.Confirmation via Email 2.Confirmation via OTP
FR-3	User Login	1.Login through Email and password 2.Google authenticator used if multifactor authentication is enabled
FR-4	Creating Profile	1.Required data of the user is collected to create the profile for applying job 2.Skills of the user is collected for job suggestion
FR-5	Job suggestion and apply	1.The available jobs are recommended to the user as per the user skills 2.Applying for the job
FR-6	Alerts and Notification	1.Job Alerts are sent to the user email 2.Information and status about the applied job is sent to email

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	1. Good Interaction with the client side serve 2. Good user experience

		3. Immediate changes can be done in profile as per the job requirement
NFR-2	Security	1. The user account is secured by flask framework and middlewares 2.Multifactor authentication is also used for security 3. User data is protected against external attack
NFR-3	Reliability	1.More versatile 2.Easy to work with the application 3.Good UI/UX
NFR-4	Performance	1.The application will have a good performance due to python's flask framework 2.Easy routers and their functions are isolated 3.Due to SPA, the user can experience good client side experience
NFR-5	Availability	1.The application can available at any region at any time 2. It is independent on time and location or IP
NFR-6	Scalability	1.The application is much scalable due to it's framework and development 2.The Database used in this application can be scalable according to the use 3.And rabid development can be done according to the customer need