

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

Date	7 November 2022
Team ID	PNT2022TMID52622
Project Name	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	Sign in / Login	Register with username and password
FR-2	Profile Registration	Register with username, password, email address, qualifications and skills. This data is stored in a database.
FR-3	Job profile display	View job profiles by availability, location, and skill.
FR-4	Chatbot	Website chat to resolve user queries and problems.
FR-5	Job Registration	Company registration/description details will be sent to the user's registered email id.
FR-6	Logout	Please use the logout option once you have completed the job registration process.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The website is designed to be easy for non-technical users to navigate and complete the job registration process. (light and simple design)
NFR-2	Security	Connecting to the cloud with Python Flask ensures your project is secure. Databases are securely stored in DB2.
NFR-3	Reliability	To prevent your website from crashing due to network traffic.
NFR-4	Performance	Focus on making your web pages load as fast as possible regardless of user/integrator traffic volume.
NFR-5	Availability	The website is always available to all users (requires network connection).

NFR-6	Scalability	Increasing the database storage capacity can increase the number of users. We will add some features in the future to make your website unique and attractive
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