

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

<b>Date</b>	29 October 2022
<b>Team ID</b>	PNT2022TMID29761
<b>Project Name</b>	Skill and Job Recommender Application
<b>Maximum Marks</b>	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	Sign in / Login	Register with username, password
FR-2	Profile Registration	Register with username, password, email, qualification, skills. This data will be stored in a database.
FR-3	Job profile display	Display job profiles based on availability, location, skills.
FR-4	Chatbot	A chat on the webpage to solve user queries and issues.
FR-5	Job Registration	The company's registration/Description details will be sent to the registered email id of the user.
FR-6	Logout	Use logout option after completing job registration process.

**Non-functional Requirements:**

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

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b>Usability</b>	The webpage will be designed in such a way that any non-technical user can easily navigate through it and complete the job registration work. (easy and simple design)
NFR-2	<b>Security</b>	Using of python flask to cloud connect will provide security to the project. Database will be safely stored in DB2.
NFR-3	<b>Reliability</b>	To make sure the webpage doesn't go down due to network traffic.
NFR-4	<b>Performance</b>	Focus on loading the webpage as quickly as possible irrespective of the number of user/integrator traffic.

NFR-5	<b>Availability</b>	The webpage will be available to all users (network connectivity is necessary) at any given point of time.
NFR-6	<b>Scalability</b>	Increasing the storage space of database can increase the number of users. Add some features in future to make the webpage unique and attractive.