

**Project Design Phase-I**  
**Proposed Solution**

Date	19 September 2022
Team ID	PNT2022TMID26502
Project Name	Project - Skill and Job Recommender
Maximum Marks	2 Marks

**Proposed Solution Template:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"><li>● People are having the skill but they are unable to get the desired job for skills they have.</li><li>● People may want dream job but may not have the required skills.</li><li>● The main motive is to develop an end-to-end web application capable of displaying the current job openings based on the user skillset.</li></ul>
2.	Idea / Solution description	<ul style="list-style-type: none"><li>● We are proposing an application which will help the people to get suggestion on the jobs based on their skills. People can also enquire about skills that are required to their desired job.</li><li>● The user and their information are stored in the Database. An alert is sent when there is an opening based on the user skillset. We can use a job search API to get the current job openings in the market which will fetch the data directly from the webpage.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>● Users will interact with the chatbot and gets the recommendations based on their skills.</li><li>● HR's can get best candidates as per their requirements.</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>● People will be benefited by knowing which jobs suits them based on their skill set.</li><li>● People will learn new skills required for their desired job.</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>● We can provide the application for job seekers in a subscription based.</li><li>● We can share the profiles with companies and generate the revenue by providing them best profiles.</li></ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"><li>● IBM Cloud is used to make our web app continue to function well when it is changed in size or volume in order to meet a user need.</li></ul>