

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID14813
Project Name	Job /Skill Recommender
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In today's world, finding the right job which matches the possessed skillset and users' expectation is a real struggle. Therefore, for users who want to land a successful career, acquiring new skills through lifelong learning is crucial. Here we help people seeking new jobs find suitable jobs, we provide them with job recommendations.
2.	Idea / Solution description	To develop an end-to-end web application that by default have a lot of current job openings through job search API out of which the right job will be recommended based on user skill set. At the same time, users can develop their skills side by side with various courses offered by the reputed organization platforms like linkedin. In addition, a smart chatbot will be available 24x7 which can help users find their right job. Using the job search API, users can also search for their preferred jobs such as Government Jobs, Women Only Jobs, Jobs based on Communities, etc. The app also suggests additional courses to help users upgrade their resumes.

3.	Novelty / Uniqueness	<p>The uniqueness of the proposed project is listed as follows:</p> <ul style="list-style-type: none"> ● Chatbot-based interaction, built using IBM Watson assistant. ● Search-based recommendation. ● Send notifications to users regarding job-based courses to enhance their skills. ● Customize the recommendation based on the preference of the users.
4.	Social Impact / Customer Satisfaction	<p>Users can find their desired job which suits their qualification and skill set, and their skills can further be enhanced by doing the recommending courses. This expands the scope of employability and assuring the company with well qualified employees helps in the country's economic growth.</p>
5.	Business Model (Revenue Model)	<p>We can generate revenue by offering subscription-based services to job seekers for recommending them for a job.</p>
6.	Scalability of the Solution	<p>The system can be easily scaled up and down as it is a cloud web application. The system can be catered to in favor of hiring companies. The specificity of the search can be increased by inculcating more attributes to the search API.</p>