

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

Date	19 September 2022
Team ID	PNT2022TMID08606
Project Name	Skill/ Job Recommender
Maximum Marks	2 Marks

**Proposed Solution Template:**

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Finding the ideal employment that combines one's skill set and users' expectations in today's society can be quite difficult. as a result, for those who desire to develop a prosperous career, gaining new abilities necessary for new Lifelong learning is essential for obtaining employment. To helping job seekers locate suitable jobs, which we give them recommendations
2.	Idea / Solution description	Creating an entire web application that by default have numerous active job opportunities via job search API, from which the ideal position will be suggested depending on user skill set. In parallel, students can enhance their abilities through a variety of courses and webinars provided by the reputable organization. In addition, a smart chat bot will be available 24*7 which can help users find the right job. using the job search API, including those for government positions, positions just open to women, positions based on communities, etc. To assist users in improving their resumes, the app also recommends extra courses.
3.	Novelty / Uniqueness	Following is a list of the planned project's unique features: Chat bot-based communication created with the aid of IBM Watson. a recommendation based on a search. Send users information about courses that will help them improve their skills and get a job. Adapt the recommendation based on the users' experience, region, and expected salaries.
4.	Social Impact / Customer Satisfaction	Users can find the appropriate job which suits their qualification and skill set, and their skills can further be amplified by recommending the needed courses which can land them in their dream job. This expands the scope of

		employability and assuring the company with well qualified employees helps in the country's economic growth.
5.	Business Model (Revenue Model)	By providing companies with the best profiles, we can generate revenue by offering subscription-based applications to job seekers.
6.	Scalability of the Solution	The system for recommending candidates for positions will be flexible depending on the applicants. The application's infrastructure should be kept up-to-date and bug-free. The concepts behind the recommendation systems will be advanced. The application's performance will be efficient and compatible with the hardware systems.