

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

Date	31-10-2022
Team ID	PNT2022TMID34410
Project Name	Skill / Job Recommender Application
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)	To develop an end-to-end web application capable of displaying the current job openings based on the user skillset. So, to eradicate the unemployment crisis, for the job seekers to find a job they desire, match their qualifications and Skills.
2.	Idea / Solution description	<ul style="list-style-type: none"><li>• The skills (basic features) are extracted from the job seeker's resume using the TF-IDF technique.</li><li>• The job seeker's profile may get outdated sometimes as they fail to update the resume regularly.</li><li>• The dynamic behaviour of the job seeker is noted by observing the jobs he applied for.</li></ul>
3.	Novelty / Uniqueness	A fake job detection ML model which verifies the job postings and removes the fraudulent ones before getting listed on the platform is integrated with the recommendation engine to bring down the employment scams.
4.	Social Impact / Customer Satisfaction	The customer satisfaction can be measured by customer loyalty and customer reviews after deployment of the project.
5.	Business Model (Revenue Model)	A subscription model can be provided for both employees and employers with additional costs.
6.	Scalability of the Solution	The cloud is capable of increasing or decreasing IT resources as needed to meet the changing demand and workload.