

Project Design Phase-I

Proposed Solution

Date	24 Sept 2022
Team ID	PNT2022TMID53102
Project Name	Project – Skill/ Job Recommender System
Maximum Marks	2 Marks

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Job Seekers needs efficient job recommender system so that they get jobs based on their skills.
2.	Idea / Solution description	We propose a skill/job recommender application works as an intermediate between Job Seekers and Hiring Companies. The application lets the organizations to register with job vacancies, along with the skills they expect for the candidates to possess. Similarly, the job seekers can register with their resume containing their skills. The solution involves, <ul style="list-style-type: none">• Hybrid filtering based on user skills.• Filtering companies based on employees' reviews.• Learning and quantifying recommendation abilities.
3.	Novelty / Uniqueness	Suggesting / Providing study materials and courses in order to gain practical knowledge and on commonly expected skills in the market.
4.	Social Impact / Customer Satisfaction	The whole tiring process of searching for jobs suitable for one is totally eradicated and will be available at their fingertips through this app. This may decrease unemployment considerably. Getting notifications about new job vacancies and interviews increases customer convenience.
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	This solution navigates through huge collections of items/jobs data and it extends up to the actual datasets, deals with efficiency and analysis to accelerate for massive datasets.