

Project Design Phase-I Proposed Solution

Date	01 October2022
Team ID	PNT2022TMID29312
Project Name	Project – Skill and 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 (Problems to be solve)	<ul style="list-style-type: none"> ➤ Having better skills but wondering which job will best suits you? ➤ We are giving opportunity to job Seekers. ➤ User can access large no of data. ➤ Having lots of skills but wondering which job will best suit you? Don't need to worry! We have come up with a skill recommender solution through which the fresher or the skilled person can log in and find the jobs by using the search option or they can directly interact with the chatbot and get their dream. ➤ To develop an end-to-end web application capable of displaying the current job openings based on the user skillset. The user and their information are stored in the Database. An alert is sent when there is an opening based on the user skillset. Users will interact with the chatbot and can get the recommendations based on their skills. 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.
2.	Idea/ Solution description	<ul style="list-style-type: none"> ➤ To focuses on fit for feature. ➤ To provide user what company expect. ➤ Made publicly available a new dataset formed by a set of job seekers profiles and a set of job vacancies collected from different job search engine sites. ➤ Put forward the proposal of a framework for job recommendation based on professional skills of job seekers. ➤ Carried out an evaluation to quantify empirically the recommendation abilities of two state of the art methods, considering different configurations, within the proposed framework. ➤ We thus present a general panorama of job recommendation task aiming to facilitate research and real-world application design regarding this important issue.

3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ➤ We provide high Data Security. ➤ We provide Mobile and computer both platforms. ➤ The best position is suggested to any person according to her skills. While the position of known profiles is assumed to be correct, it should be noted that there are usually multiple advisable positions corresponding to a set of skills. A recommendation system should return a set of most likely positions and all of them can be equally valid. ➤ The recommendation method we use is simply based on representing both positions and profiles as comparable vectors and seeking for each profile the positions with the most similar vectors.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ➤ At last, we believe that two people with equal talent should have equal access to opportunity and we're committed to making this vision reality through our project. ➤ We are providing Friendly approach and employability. ➤ Students will be benefited as they will get to know which job suits them based on their skills.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ➤ We are connecting you with other professionals also with companies and recruiters. Along with professionals, it also serves companies and even charges for providing certain premium services. ➤ We can provide the application for job seekers in a subscription based and we can share the profiles with companies and generate the revenue by providing them best profiles
6.	Scalability of the Solution	<ul style="list-style-type: none"> ➤ Scalability is a custom training and organizational development firm dedicated to helping businesses scale. ➤ Data can be scaled up and scaled down according to number of current job openings.