Project Design Phase-I

Date	15 October 2022
Team ID	PNT2022TMID13261
Project Name	Skill Job Recommender Application
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Variety of abilities but unsure of which position would be best for you. No need to be concerned! With our skill recommender solution, either a skilled or a fresher user may sign up, search for jobs using the search bar, or interact with the chatbot directly to land their ideal position. Based on the user's skill set, our online application may present the current job vacancies. The database contains both the user and their data. An alert is delivered when a position becomes available. The chatbot will be used by users, who can engage with it and receive recommendations depending on their skill set.
2.	Idea / Solution description	The three contributions of this work are as follows: ➢ The user's (job seeker's) preference will determine which recruiters can read the user's profile. ➢ An effective chatbot system will be used to suggest the skills that the jobseeker should acquire. ➢ In order to prevent false or duplicate users, there will be a strong validation of the user. As a result, we give a thorough overview of the job recommendation assignment with the goal of promoting study and the development of practical applications related to this important topic.
3.	Novelty / Uniqueness	A recommendation system should provide a list of the most likely candidates, all of which may hold equal weight. We just seek out the places for each profile that have the most comparable vectors by modelling both positions and profiles as comparable vectors. Chatbot will deal with all recommendation of skills to be learnt by the user.
4.	Social Impact / Customer Satisfaction	Recruiters can hire the suitable candidates for the suitable position. And also, jobseekers will profit because they will learn which jobs fit them best depending on their skill set, helping to reduce unemployment.
5.	Business Model (Revenue Model)	Job seeker will have option on a subscription-based job alerts and share the profiles with businesses and make money by giving them the top profiles.
6.	Scalability of the Solution	Data can be scaled up and scaled down according to number of current job openings available.