Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID22461
Project Name	Project - Skill / Job Recommender Application
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	- For job seekers, it is time-consuming to search for which job suits them based on their skill set. - Job seekers have to check each recruiter's website in order to search for any job vacancies. - Recruiters facing difficulties in advertising their job vacancies. - Recruiters also find it difficult to verify that the person with the right skill set has applied for the job. .
2.	Idea / Solution description	- Recruiters can post for the job openings in our application. - Use a job search API to get the current job openings in the market which will fetch the data directly from the webpage. - User can interact with the chatbot via entering skills to the bot, it suggests some job based on entered skills. - lists of jobs are uploaded into the database and the chatbot is also connected with the database once the user enters skills into the chatbot it will search for related jobs in the database then it displays various jobs related to skills. - By using this web application job seekers directly choose their job related to their skills without needing help from someone.
3.	Novelty / Uniqueness	- Search-based recommendation. - Chatbot-based interaction, built using IBM Watson assistant

		● Send notifications to users regarding job-based courses to enhance their skills. ● Customize the recommendation based on the experience, location and salary expectations of the users.
4.	Social Impact / Customer Satisfaction	● The main aim of the project is to build an application that recommends jobs for job seekers. ● The user can search using a chatbot and the chatbot recommends the job. Even the application can send notifications based on matching jobs or upcoming jobs through e-mail.
5.	Business Model (Revenue Model)	● Users who have bought the subscription can get job alerts prior to others. ● we can generate revenue by offering subscription-based applications to jobseekers.
6.	Scalability of the Solution	● Even if the number of users increases, the system will perform well. ● Need to be responsive and able to react to changes as fast as possible.