Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID42748
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
•	Problem Statement (Problem to be solved)	Devise an end-to-end web application capable of displaying the current job openings based on the user skillset. Users must interact with the chatbot and can get the recommendations based on their skills.
•	Idea / Solution description	where a job seeker applies to a job by creating a profile on a job portal by providing all his/her work preferences. These work preferences of each user can be collected from each user and provide job recommendations based on their preference.
•	Novelty / Uniqueness	Once job offers and profiles are filtered, the second step is text preprocessing. In this task, we perform stopwords removal, tokenization and lemmatization for the Portuguese language. this option helps us to find the specified jobs for us.
•	Social Impact / Customer Satisfaction	The scraper is set up to avoid duplicate job offers, thus all the job offers are unique
•	Business Model (Revenue Model)	• 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. • This also helps the industries to find out the users as his employess easily.
•	Scalability of the Solution	Here a seeker looks up for the job he would find relevant to him and apply for it. As there are many job boards, applicants tend to use the tool that provides better services to them, services such as writing a CV, creating a job profile, and recommending new jobs to a job seeker