

## Project Design Phase-I Proposed Solution Template

Date	29 September 2022
Team ID	PNT2022TMID33364
Project Name	Project -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
1.	Problem Statement (Problem to be solved)	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	Start with an audience-first focus. Instead of thinking about what your organization produces (job availability) and how to fit that into an app, start from scratch and consider your audience. Who are they, and what problems do they face? Use your imagination, do some role playing with colleagues, and actually talk to some real people.
3.	Novelty / Uniqueness	Building mobile tools with data isn't as easy as importing an XML feed of your latest headlines. But if you're going to spend thousands of dollars developing a mobile app anyway, you might as well spend a little more to build a real application that helps solve problems and makes advertisers take notice.
4.	Social Impact / Customer Satisfaction	These apps are all about solving problems and enabling the user to take an action — go to this bar, shop at that boutique, rent this apartment. These are the apps that build loyal audiences because they help people get things done instead of just presenting another thing they feel obligated to do (keep up with news stories). That is valuable not only for users, but for advertisers as well.
5.	Business Model (Revenue Model)	Building mobile tools with data isn't as easy as importing an XML feed of your latest available jobs. But if you're going to spend thousands of dollars developing a mobile app anyway, you

		might as well spend a little more to build a real application that helps solve problems and makes advertisers take notice.
6.	Scalability of the Solution	Skill and job recommender application can handle data across machines and data that will not fit into memory. It supports clusters and can handle machine failures, rebuilding machines easily.