

IBM NALAIYATHIRAN

Project Design Phase-I

Proposed Solution

Template

SKILL AND JOB RECOMMENDERAPPLICATION

Date: 25/09/2022

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement	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 job. To develop an end-to-end web application capable of displaying the current job openings based on the user skillset
2.	Novelty	There is an increasing realization in the Recommender Systems (RS) field that novelty is fundamental qualities of recommendation effectiveness and added-value. This paper combed research results about definition and algorithm of novel recommendation, and starting from the meaning of "novel", defined novelty of item in recommendation system.
3.	Feasibility of Idea	The recommendation process can be divided into two parts: job recommendation and job-seeker recommendation. The design idea of these two parts is the same roughly (Yu et al., 2011; Malinowski et al., 2006). For a job-seeker, the job with higher matching degree should be recommended to him. Similarly, for a job, the job-seeker with higher matching degree should be recommended to it (Yu et al., 2011).
4.	Business Model	This application mainly depends on the requirements of the users, thus the profile varies according to the change in the requirements.
5.	Social Impact	This application can create awareness among the people around the world to apply for jobs and to know all the opportunity around their place
6.	Scalability of the Solution	This application can handle large number of users and data with high performance and security at any given point of time.

