

Project Design Phase-I
Skill and Job Recommender Application
Proposed Solution

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| Date | 10 October 2022 |
| Team ID | PNT2022TMID31532 |
| Project Name | Project-Skill/ Job Recommender Application |
| Maximum Marks | 2 Marks |

Proposed Solution :

| S. No. | Parameter | Description |
|--------|---|---|
| 1. | Problem Statement (Problem to be solved) | <p>1.Devise an end-to-end web application capable of displaying the current job openings based on the user skillset. Users must interact with the chat bot and can get the recommendations based on their skills.</p> <p>2.Recruiters also get the recommendations about the seekers based on the skills requirements</p> |
| 2. | Idea / Solution description | <p>1.Recruiters can post for the job openings in our application.</p> <p>2.Built a chat bot using IBM Watson assistant which is help to get the recommendation of the job</p> <p>3.Create Database for the jobs and notification to the users.</p> <p>4.provide job description to the Job Seekers.</p> <p>5.Get API from the company for the job roles.</p> <p>6.Seekers may track the application</p> |
| 3. | Novelty / Uniqueness | <p>1.By uploading the user info in the portal of the application the user can get the required job recommendations as prioritized way.</p> <p>2.Job seekers will be able to communicate through chat bot and our application is user friendly and the structure is simple.</p> |
| 4. | Social Impact / Customer Satisfaction | <p>1. The job seekers will be able to identify their appropriate jobs based on the suggestions provided based on their respective skills. The jobless people can also identify his skills and he can apply for the respective positions that suits his skills.</p> <p>2. Application has the responsive user interface that allows the user to understand application search process effectively.</p> |

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| 5. | Business Model (Revenue Model) | <p>1.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.</p> <p>2.This also helps the industries to find out the users as his employees easily. 3.Advertisements, Database Selling, Premium Content, Affiliate Marketing and Email Sales</p> |
| 6. | Scalability of the Solution | <p>1.Large database provide to skills and jobs.</p> <p>2.This may give accurate job recommendation</p> <p>3.Easy navigation and user-friendly interface.</p> |