Project Design Phase - I

Date	19 October 2022
Team ID	PNT2022TMID08555
Project Name	Skill/Job Recommender System.

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	• When there is an increase in population, there will a demand for goods and services. For those production man power needed where automatically hiring happens. • Many industries have various sort of openings to provide job opportunity but job seekers are not aware of those openings. And they hardship to search for the job. • Many users in internet find difficult to search through the jobs that are listed in the job-searching portal. • They might fear of fake job offers and not having proper knowledge of the company. • They will apply for all the job openings without doing background verification of the company.
2.	Idea / Solution Description	• Finding the job based on the skills which is updated on the resume of one job seeking personality. • Users gets an alert when there is an opening for relevant job they are applied for. • Users can interact with chat-bot. • Fake / Fraudulent job offers are eliminated.
3.	Novelty / Uniqueness	• IBM Watson Assistant is used which acts as an interactive chat-bot in the Portal. • The presence of chat bot removes 24/7 customer support. • It uses Docker to containerize it and IBM cloud for deployment.

4.	Social Impact / Customer Satisfaction	The job and skill Recommender system is expected to reduce unemployment and improve the skills of job seekers to get job. The customer satisfaction is measured by getting reviews from the customer after Deployment.
5.	Business Model (Revenue Model)	- Feedback provides two-way communication between end users, which increases trust among users. - When users increases the application is popularized and growth of the application too increases. - Premium features are provided for the users after the application growth.
6.	Scalability of the solution	To provide the best scalability cloud computing is implemented here. The cloud is where the technology gets updated day to day. So, when there is a increases or decreases in IT tools cloud provide the best in it.