

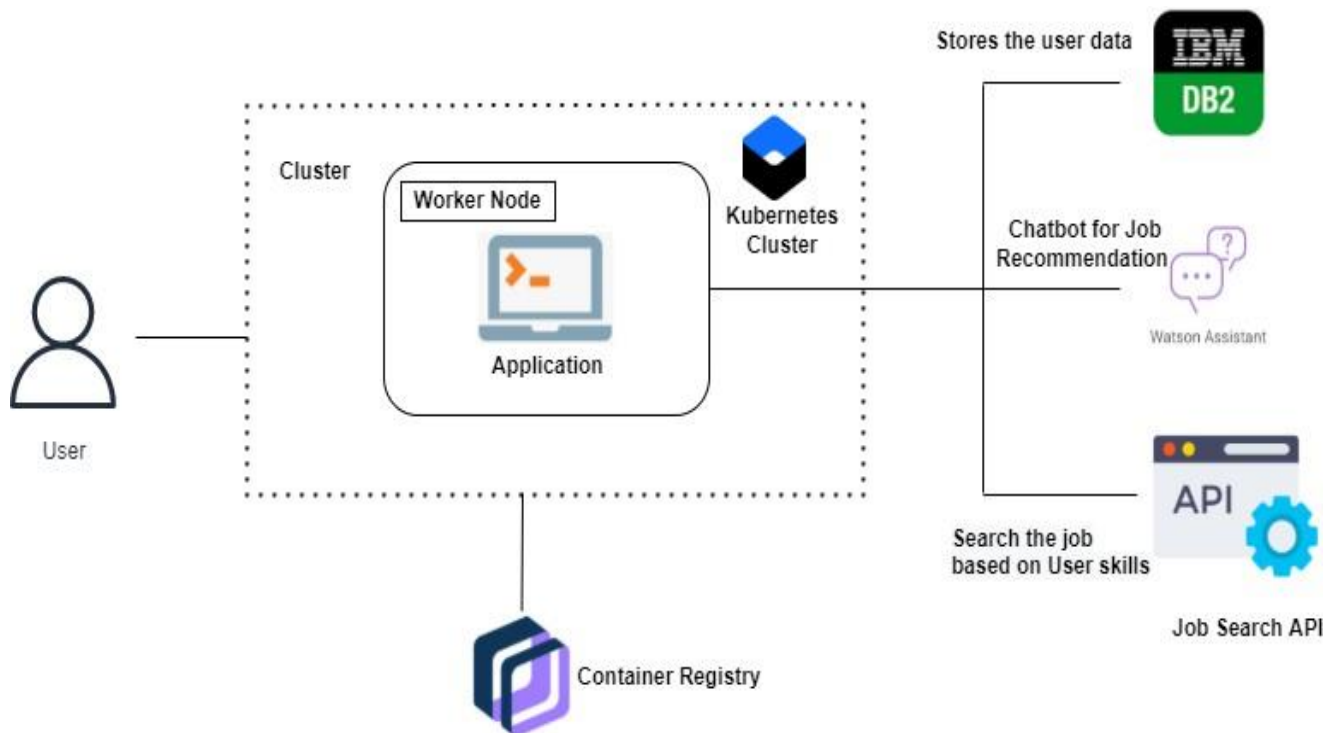
## PROJECT DESIGN PHASE-II

### TECHNOLOGY STACK (ARCHITECTURE & STACK)

Date	01 November 2022
Team ID	PNT2022TMID03974
Project Name	Project - Skill/Job Recommender
Maximum Marks	4 Marks

#### Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table2



**Table-1 : Components & Technologies:**

SI.No	Component	Description	Technology
1.	User Interface	The user can communicate with our application to find jobs with the help of chatbot, etc.	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	The User as to login to the application, for that he should have register in our web application previously.	Javascript
3.	Application Logic-2	It can be register with the help of the chatbot.	IBM Watson Assistant
4.	Cloud Database	The user data will be linked and stored that it can be retrieved with the help of this database.	IBM DB2, IBM Cloudant etc.
5.	File Storage	The user documents like photos, resumes and many more will be stored in cloud bucket, etc..	IBM Block Storage or Other Storage Service or Local Filesystem
6.	External API	By the help of API, the user can search and find the job based on their Skills.	IBM API, etc.
7.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud	Local, Cloud Foundry, Kubernetes, etc.

**Table-2: Application Characteristics:**

SI.No	Characteristics	Description
1.	Is it Scalable?	It utilizes highly scalable technology that allows application to handle the increase in large user data's, workload and perform any task without any problem.
2.	Is it Modifyable?	It is highly Changeable and Maintenance requires few cost, compared to other web application.
3.	Is the SystemRobust?	It will not interfere with the performance of the computer by not affecting the operating system. It works with minimal usage of hardware systems.