Project Design Phase-II
Technology Stack (Architecture & Stack)

Date 02 November 2022
Team ID PNT2022TMID10257
Project Name Project - Job/Skill Recommender Application
Maximum Marks 4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2
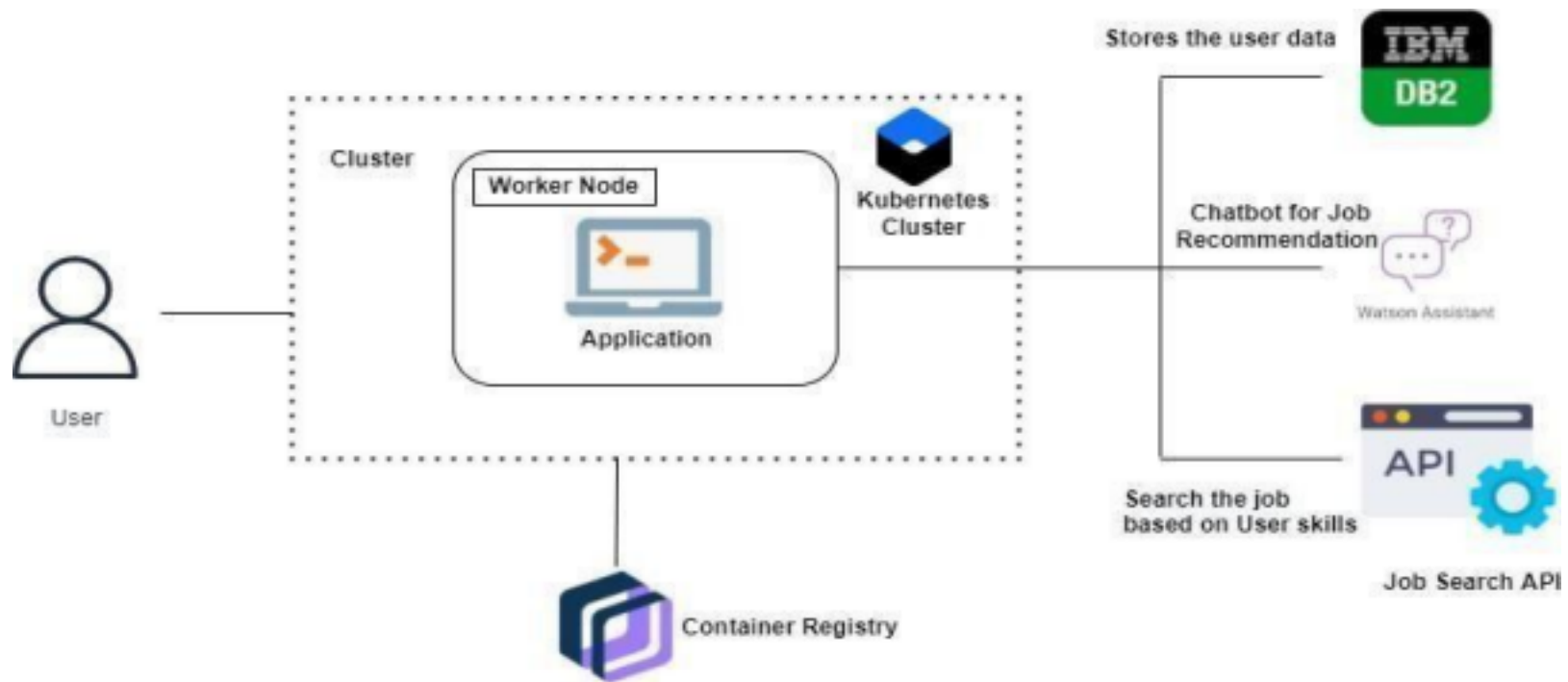
Table-1 : Components & Technologies:

S.No	Component Description	Technology
1.	User Interface The user can interacts with our application with the help of chatbot, etc.	HTML, CSS, JavaScript / AngularJs / React Js etc.
2.	Application Logic-1 The User can login with application, by previously he should register in our web app.	Javascript
3.	Application Logic-2 They can also register with the help of a chatbot.	IBM Watson Assistant
4.	Cloud Database The user data will be stored and retrieved with the help of this	IBM DB2, IBM Cloudant etc.

	database.	
5.	File Storage The user documents like photos, resumes and much more will be stored in cloud bucket, etc.,	IBM Block Storage or Other Storage Service or Local Filesystem
6.	External API With the help of API, the user can search the job based on their Skillset.	IBM API, etc.

7. Infrastructure (Server / Cloud) Application Deployment on Local System / Cloud Local, Cloud Foundry, Kubernetes, etc.

Table-2: Application Characteristics:

S.No	Characteristics Description
1.	Is it Scalable? It follows highly scalable technologies that allows application to handle increase in large user data's workload and perform any operation without any problem.
2.	Is it Modifiable? It is highly Modifiable and Maintenance requires low cost, compared to other applications.
3.	Is the System Robust? It does not disturb the performance of the computer by not affecting the operating system. It works in minimal hardware systems.