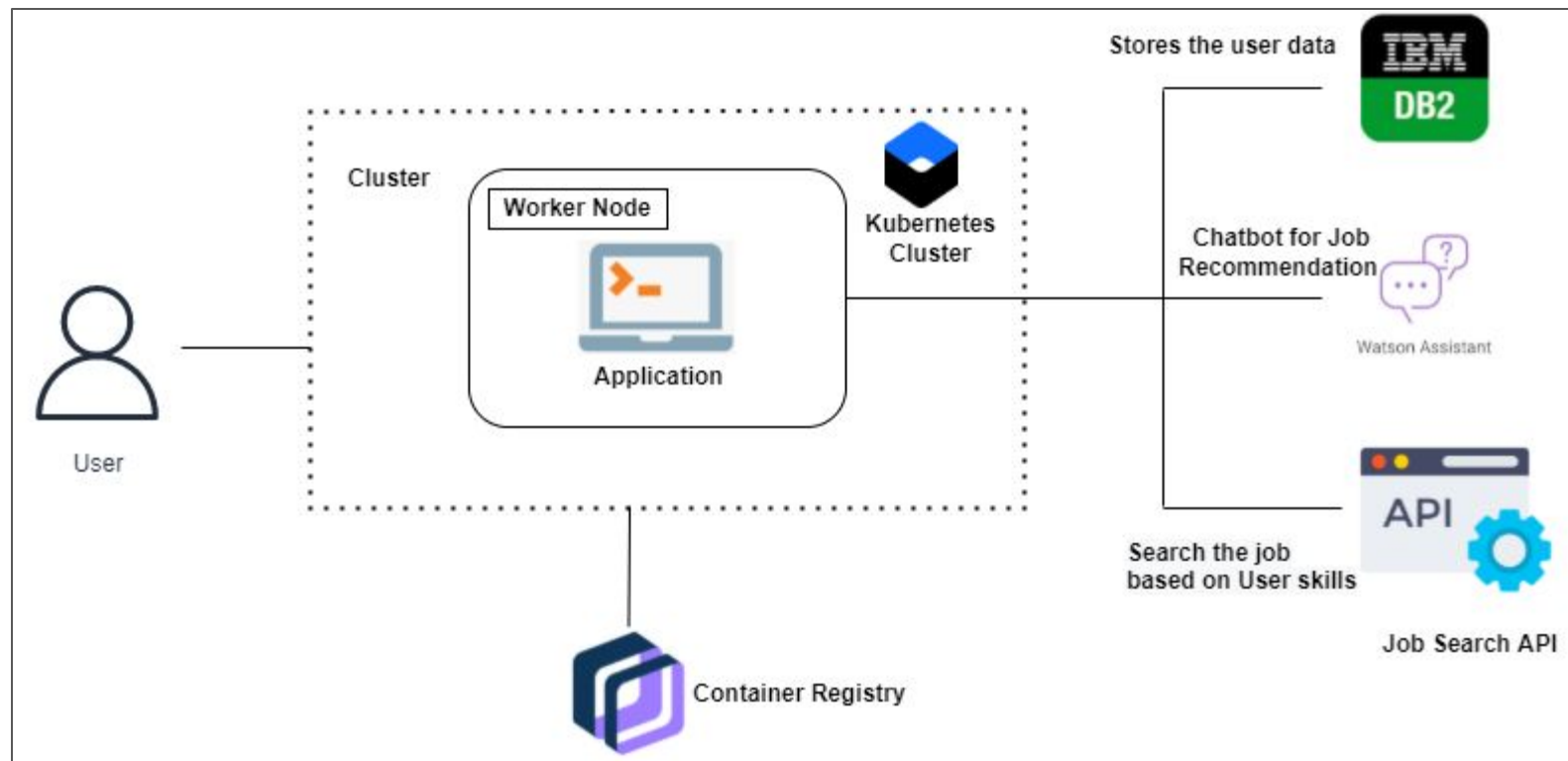


TECHNOLOGY ARCHITECTURE

Date	19 September 2022
Team ID	PNT2022TMID27497
Project Name	Skill and Job Recommender
Maximum Marks	4 Marks



COMPONENTS AND TECHNOLOGIES

S.NO	COMPONENTS	DESCRIPTION	TECHNOLOGY
1	User Interface	User interaction within websites	HTML,CSS,JS
2	Search	Search for jobs based on skills	Python
3	Chat	Users can get detailed information with chatbot	IBM Watson Assistant
4	Job Application	Users apply for suitable jobs	Python,Flask
5	Cloud Database	Database Services on cloud	IBM Database
6	Job Search API	Job search API to find relevant jobs	Any Job Search API
7	Infrastructure	Application deployment on local system or cloud server	Kubernetes

APPLICATION CHARACTERISTICS

S.NO	CHARACTERISTICS	DESCRIPTION	TECHNOLOGY
1	Open Source Framework	Open sources enables technology agility	Flask
2	Security Implementation	Ensures that the website can defend against advanced security threads	Encryption techniques
3	Scalability Architecture	It's a 3-Tier architecture	Presentation- HTML,CSS,JS Application - Flask Database - IBM-DB2
4	Availability	Acts as a load balancer	Perform IBM content delivery network