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

Date	2022-11-01
Team ID	PNT2022TMID31914
Project Name	Containment Zone Alertment

Technical Architecture:

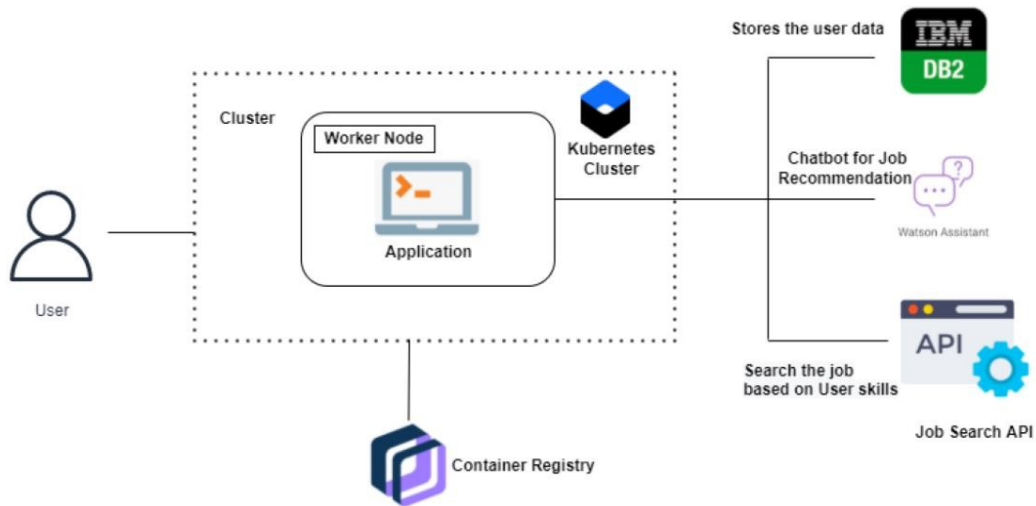The Deliverable shall include the architectural diagram as below and the information as per the table1 & table2

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	The user can interacts with our application with the help of Chabot, etc.	HTML, CSS, JavaScript / Flutter etc.
2.	Application Logic	The User can login with application, by previously registered in our web app.	Javascript, Python
3.	Cloud Database	The user data will be stored and retrieved with the help of this database.	IBM DB2, IBM Cloudant etc.
4.	File Storage	The user documents like personal details, tracking documents, and much more will be stored in cloud bucket etc..,	IBM Block Storage or Other Storage Service or Local Filesystem
5.	External API	With the help of API, the user can track the location	IBM API, etc.
6.	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 Modifyable?	It is highly Modifyable and Maintenance requires low cost, compared to other application.
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.