Project Design Phase-II
Technology Architecture

Date	14 October 2022
Team ID	PNT2022TMID39797
Project Name	Smart Fashion Recommender Application
Maximum Marks	4 Marks

Technical Architecture:
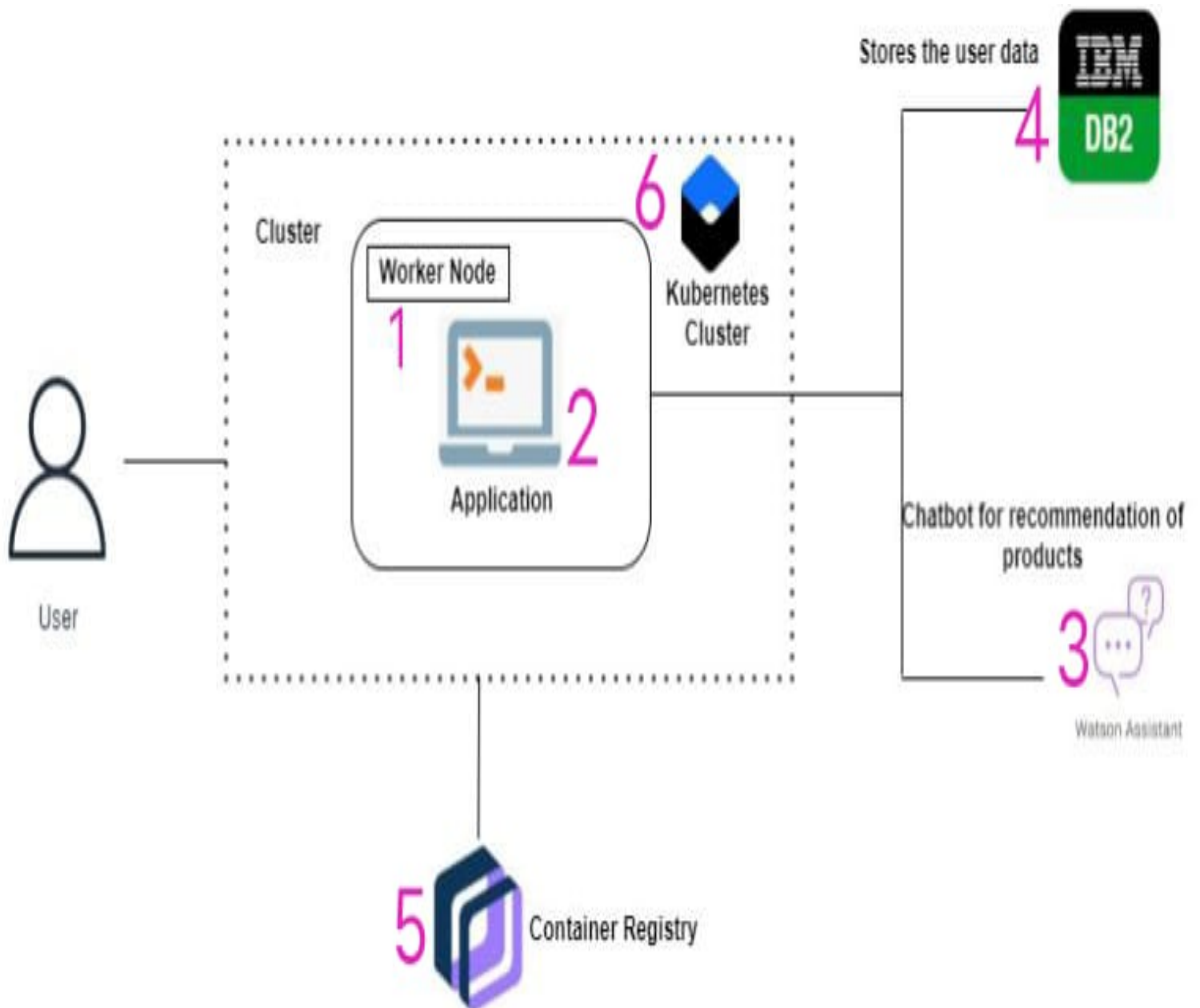
Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	To create a Fashion recomending application on Chatbot	HTML, CSS, JavaScript , python.
2.	Application Logic-1	It provides Coding for the interface	Python Flask.
3.	Application Logic-2	To avoid the difficulties associated with traditional chatbot building platforms and build a tool that will improve your customer support.	IBM Watson Assistant
4.	Cloud Database	To store analyse and retrieve data efficiently	IBM DB2, SQL.
5.	File Storage	To store and distribute Docker Images in a managed, private registry	IBM Container Registry.
6.	Infrastructure (Server / Cloud)	Cluster and container management tool to deploy containers to cluster.	Kubernetes.. DOCKER CLI.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	To avoid the difficulties associated with traditional chatbot building platforms and build a tool that will improve your customer support.	IBM Watson Assistant
2.	Security Implementations	While log in	Two step verification
3.	Scalable Architecture	scalability of architecture is 3 – tier	Text Recognition module
4.	Availability	load balancers, distributed servers	Round Ribbon algorithm
5.	Performance	number of requests per sec in almost in an instant .	IBM Watson Assistant