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

Date	20 October 2022
Team ID	PNT2022TMID06539
Project Name	Personal Expense Tracker Application
Maximum Marks	4 Marks

Technical Architecture:
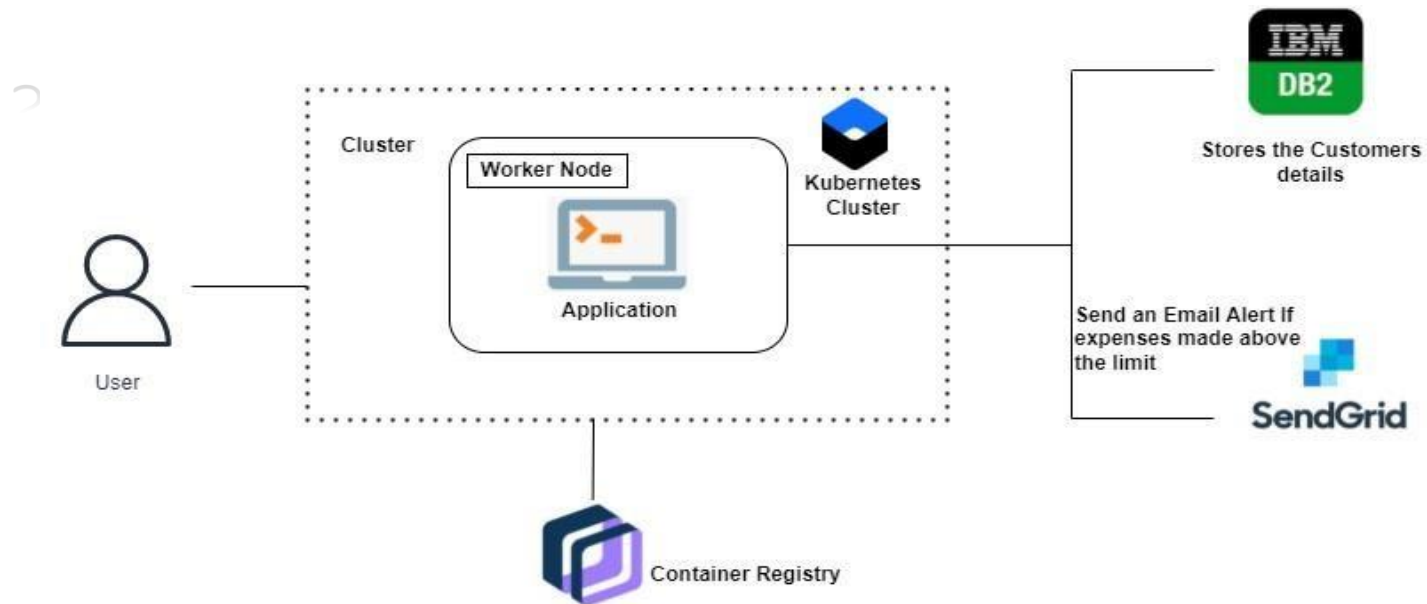
Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	User interface interacts with host 5000	HTML, bootstrap
2.	Application Logic-1	Coding platform for developing application	Python
3.	Application Logic-2	Let you to build conversational interfaces into any application, device or channel	IBM Watson Assistant
4.	Application Building	It can be built for web application	Flask
5.	Cloud Database	Used to store and retrieve data	IBM DB2
6.	Infrastructure (Server / Cloud)	Helping to orchestrate different types of containers and deploying them to clusters	Kubernetes

Table-2 : Application Characteristics

Sl. No	Characteristics	Description	Technology
1.	Open-Source Frameworks	It provides libraries to build light weight application	Flask
2.	Security Implementations	Simulates human conversation or chatter through text or voice interactions.	Chatbot
3.	Scalable Architecture	It provides no isolate the internal code dependencies.	Python
4.	Availability	Runs everywhere and user friendly	Docker
5.	Performance	Orchestrate containerized application to run the cluster of hosts	Kubernetes