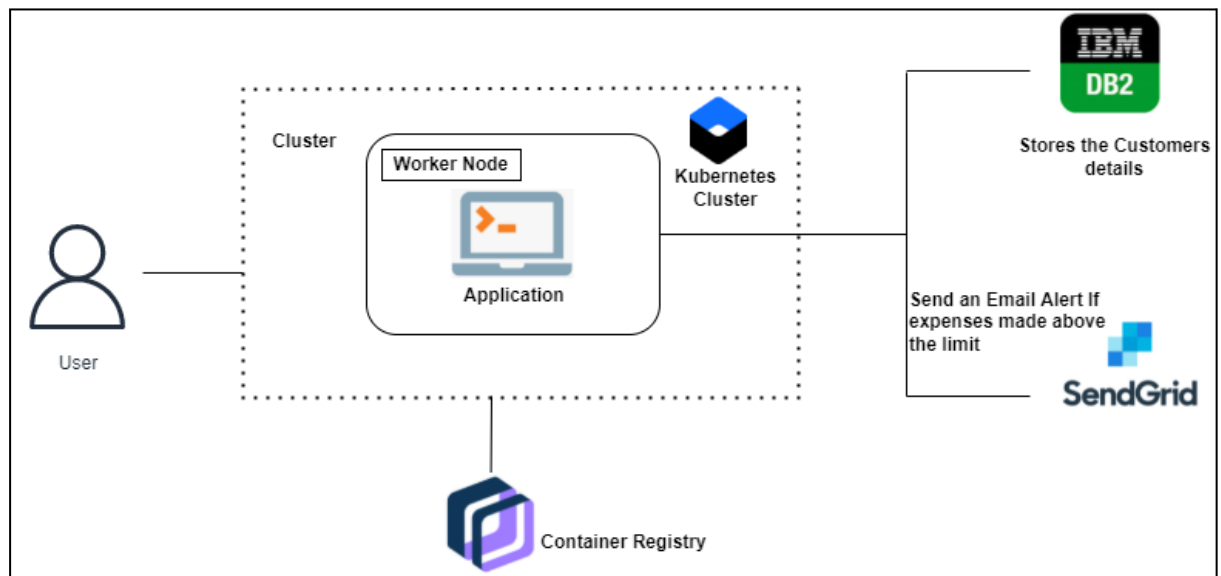| Date	19 September 2022
Team ID	PNT2022TMID53061
Project Name	Project - Personal Expense Tracker
Maximum Marks	4 Marks

Solution Architecture:

- **Software Required:**

  o Python, Flask , Docker

- **System Required:**

  o 8GB RAM,Intel Core i3,OS-Windows/Linux/MAC ,Laptop or Desktop

- In simple words, personal finance entails all the financial decisions and activities that a Finance app makes your life easier by helping you to manage your finances efficiently. A personal finance app will not only help you with budgeting and accounting but also give you helpful insights about money management.

- Personal finance applications will ask users to add their expenses and based on their expenses wallet balance will be updated which will be visible to the user. Also, users can get an analysis of their expenditure in graphical forms. They have an option to set a limit for the amount to be used for that particular month if the limit is exceeded the user will be notified with an email alert.

Product Requirements:

1. Initialize balance on signing up.
2. Update balance whenever necessary.
3. Add expenses with optional descriptions.
4. Modify an expense.
5. Display remaining balance.
6. Display graph of expenditure (over a user-specified period of time).
7. Set a monthly limit on expenditure.
8. Notify users when they exceed their monthly limit.

Priority Product Requirements:

1. User authentication.
2. Initialize balance on signing up.
3. Update balance whenever necessary.
4. Add expenses with optional descriptions.
5. Display remaining balance.
6. Set a monthly limit on expenditure.
7. Display summary of expenses.

Reference:
https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-research-powered-by-ai-on-aws-part-1-architecture-and-design-considerations/

(PDF) Expense Manager Application (researchgate.net)