

Personal Expense Tracker Application

Setting up Application

- Create IBM Cloud Account
- Install IBM Cloud CLI
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- Docker CLI Installation
- Create An Account in Sendgrid
- Create Flask Project

Integrating

- Sendgrid integration with python code

Implementing

- Create IBM DB2 and Connect with python
- Create UI to interact with Application

Deployment

- Containerze the App
 - Docker Image creation
 - Creating docker imager for Flask App
- Upload Image to IBM Container
 - Upload image to IBM Container registry
- Deploy in Kubernetes Cluster
 - Deploy On Kubernetes

Software Required

- Python, Flask, Docker

System Required

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