

## Deployment of app in IBM Cloud

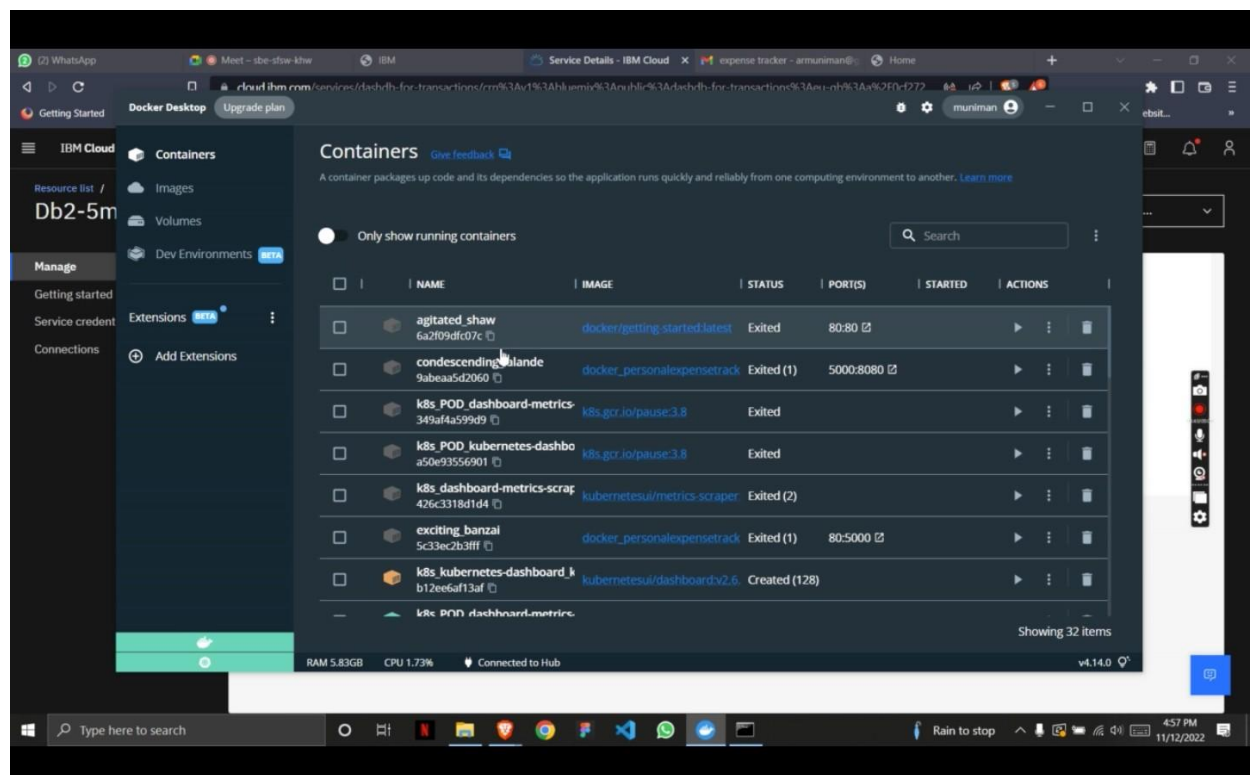
Team ID	PNT2022TMID00713
Project Name	Personal Expense Tracker Application
Team Members	Rahul S, Rakesh A, Sai Kumar M, Tarun V

### Screenshots

#### 1. Containerize the app using Docker

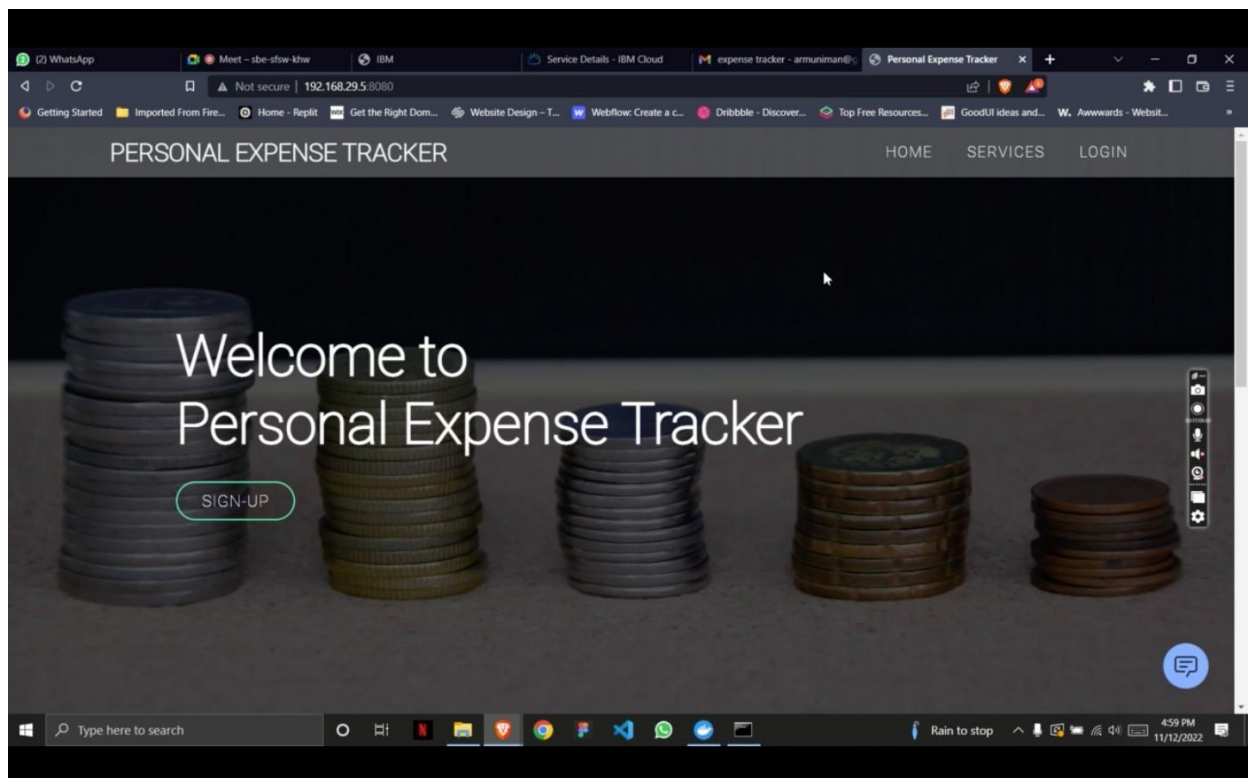
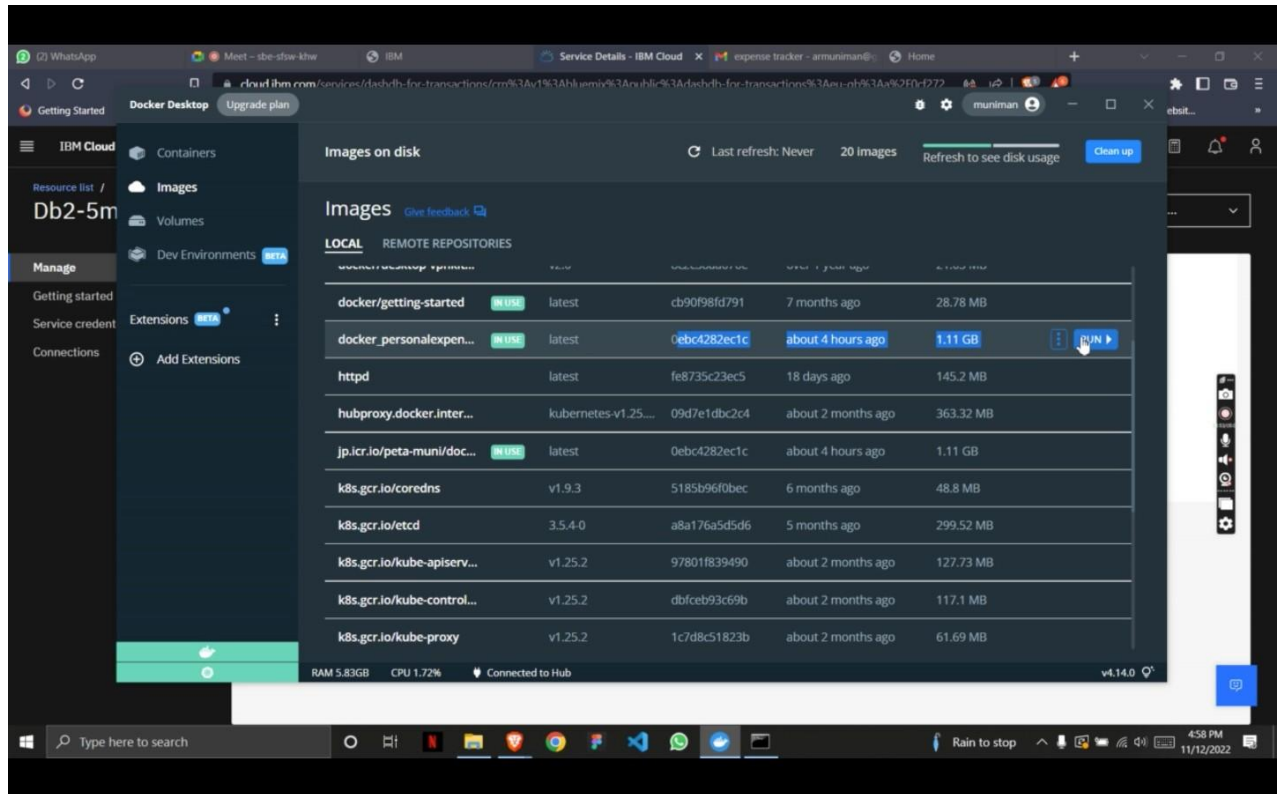
We have deployed our flask app in Docker where they package all the code, libraries, and dependencies together to make it possible for multiple containers to run in the same host and we can run our flask app using this Docker Desktop

##### 1.1 Docker Container



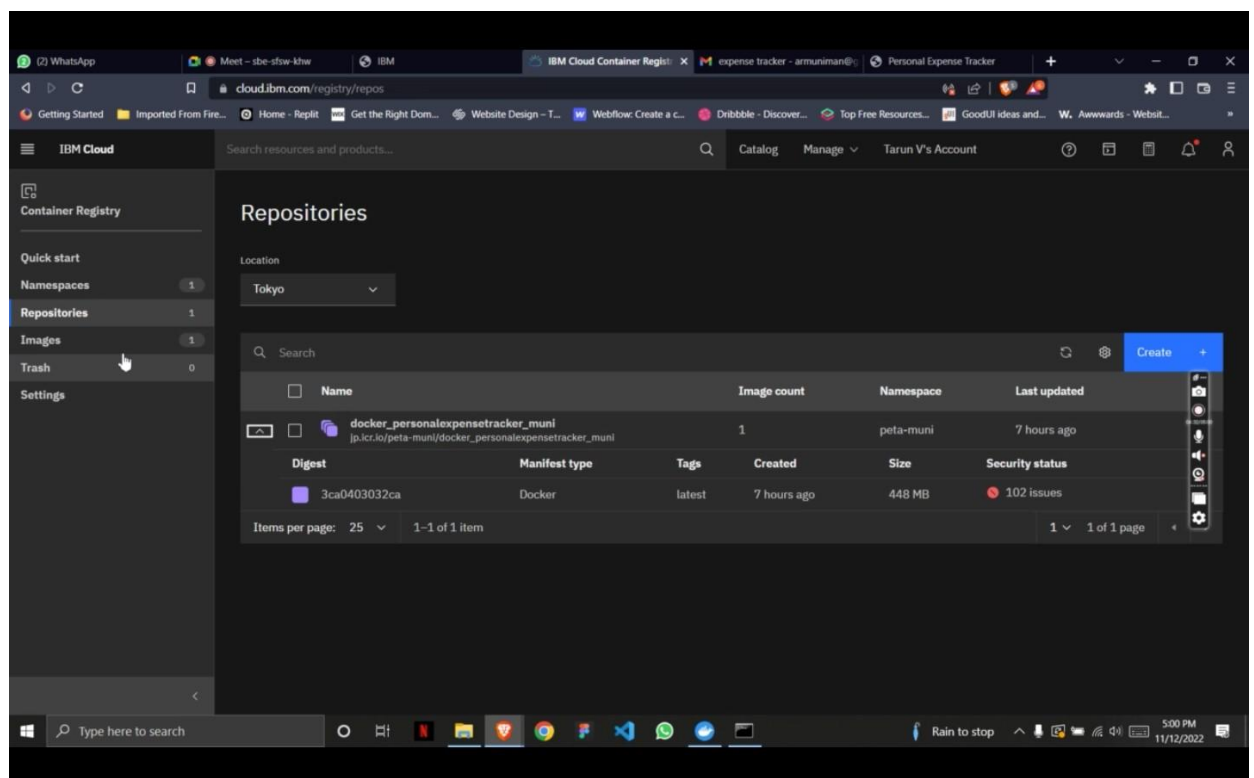
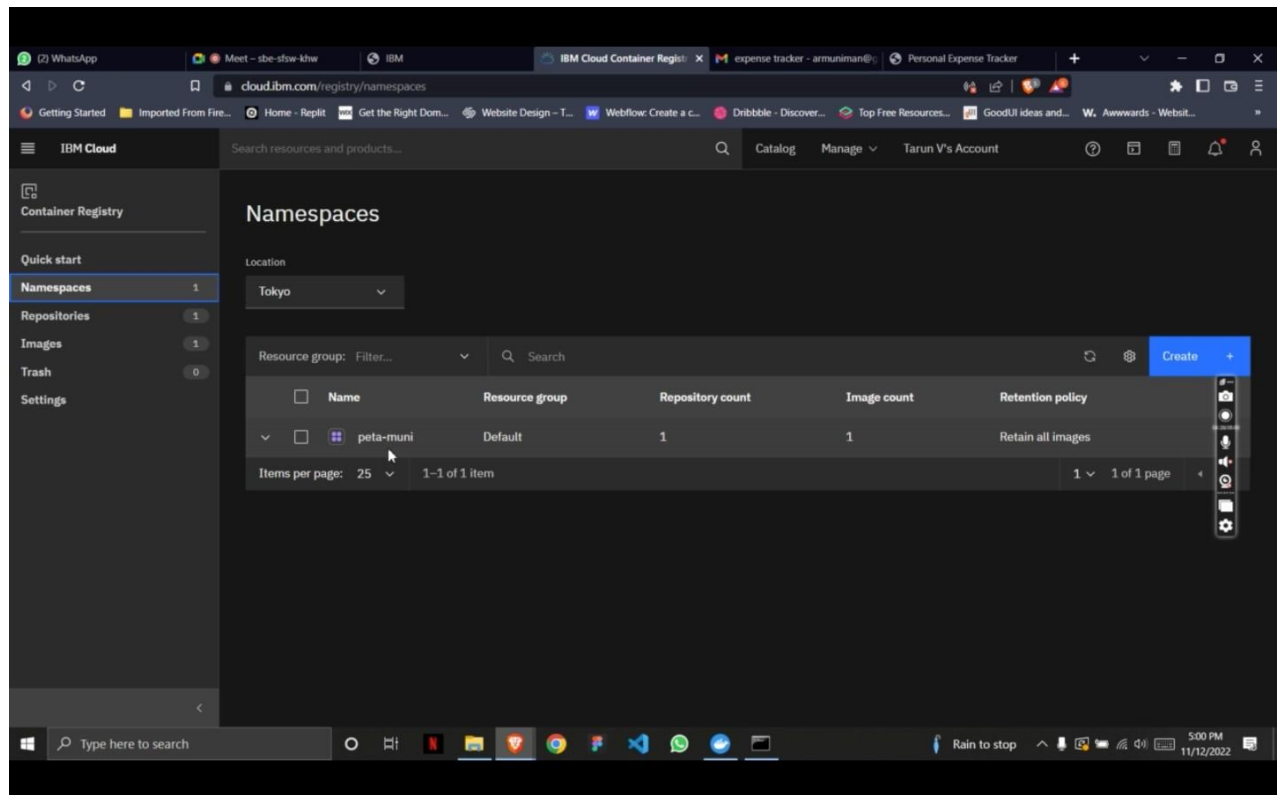
## 1.2 Docker Images

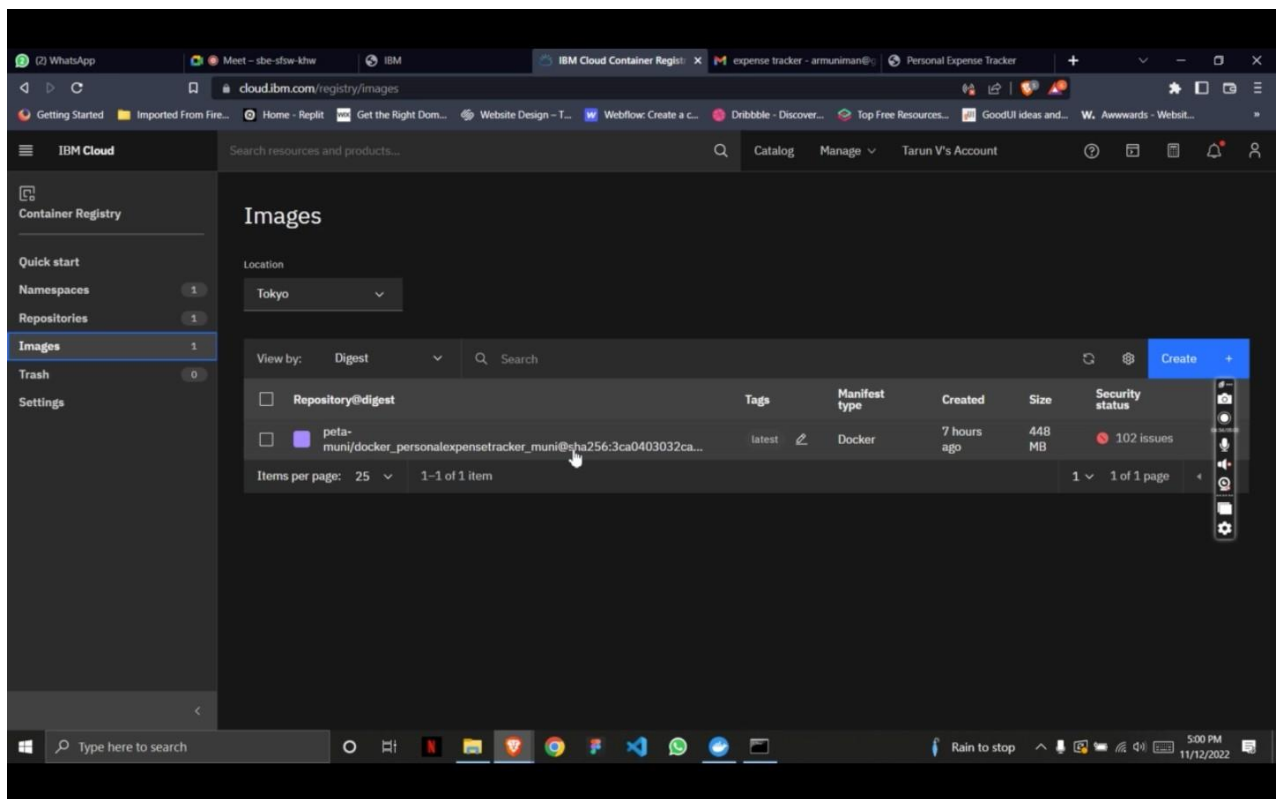
Our flask project is converted into docker image and run using the docker desktop.



## 2. Upload image in IBM Cloud Registry

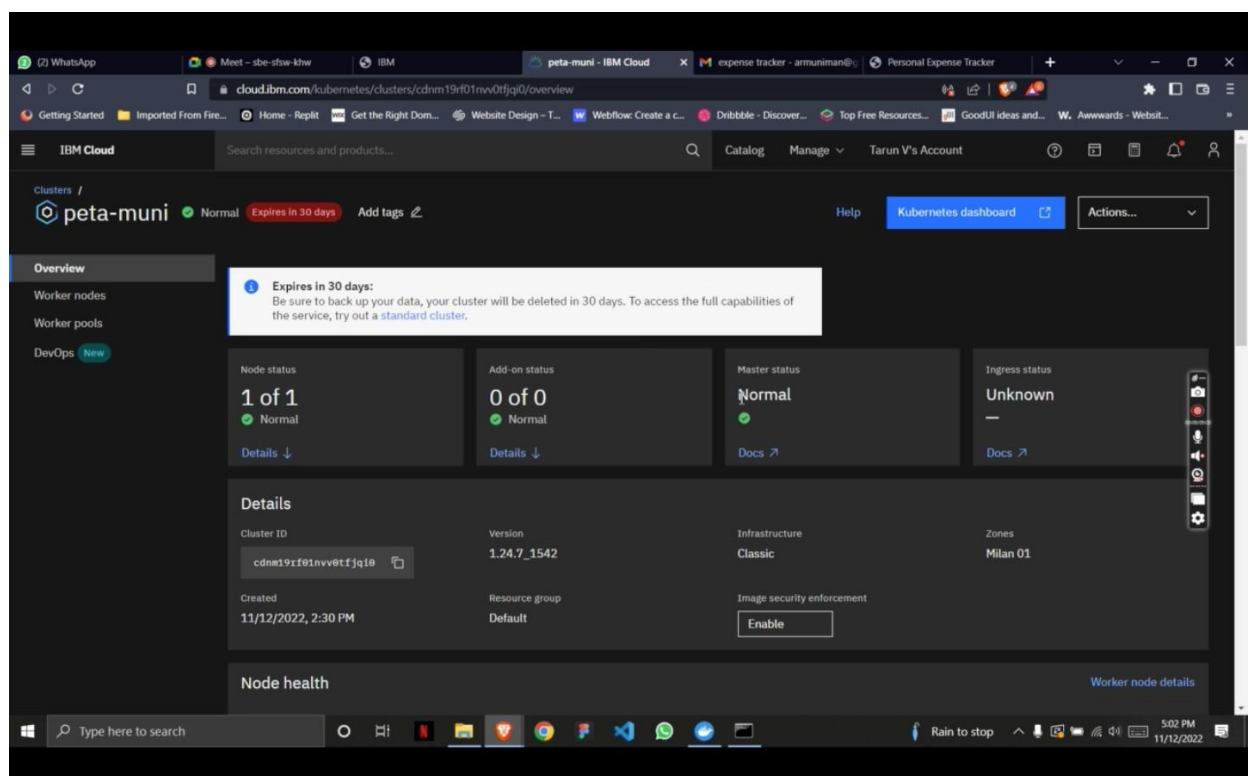
We have deployed our app as Docker image at IBM Cloud Registry





### 3. Deploy on Kubernetes

These containers are managed by Kubernetes which automates the operational tasks of the container.



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Overview

**Worker nodes**

Worker pools

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Pool: Filter... Search

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000b4	Normal	default	Milan 01	10.144.180.3	169.51.195.51	1.24.7_1543

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Overview

Worker nodes

**Worker pools**

DevOps New

Search

Name	Zones	Status	Workers per zone	Actual / Declared workers	Flavor
default	Milan 01	Active	1	1 / 1	Free - 2 vCPUs 4GB RAM

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