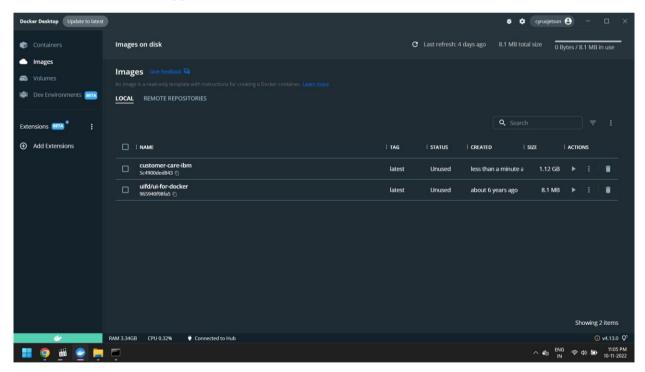# Sprint 4

Sprint 4:

1. **Containerize the flask app**

2. **Upload in docker hub**

3. **Building Image**

4. **Pushing docker image**

5. **Running on Docker playground**

6. **Setting up container registry**

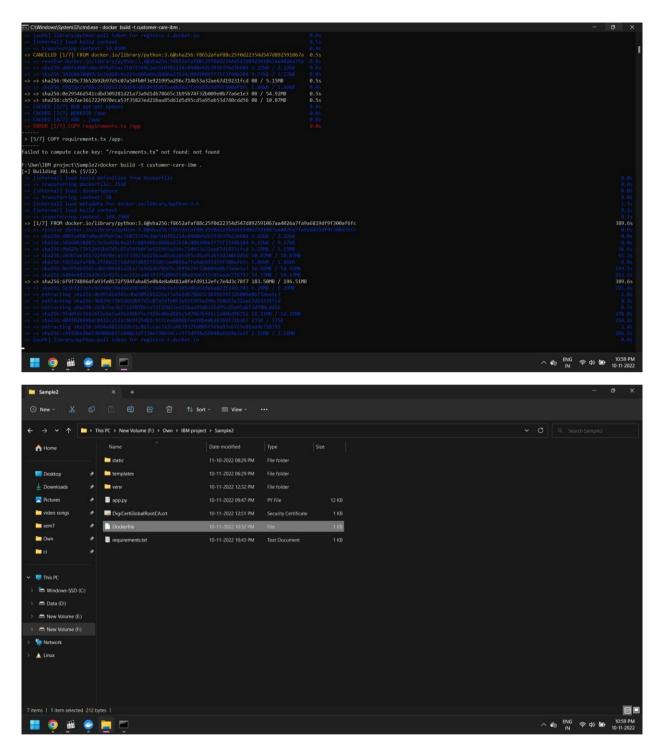7. **Uploading image in container registry**
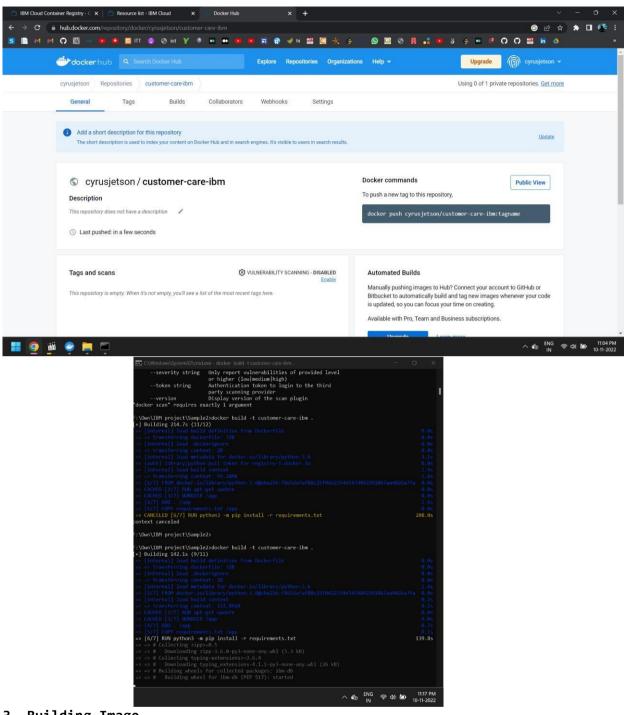
8. **Deploy in Docker**
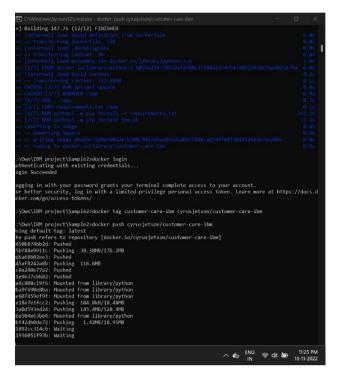
Output:

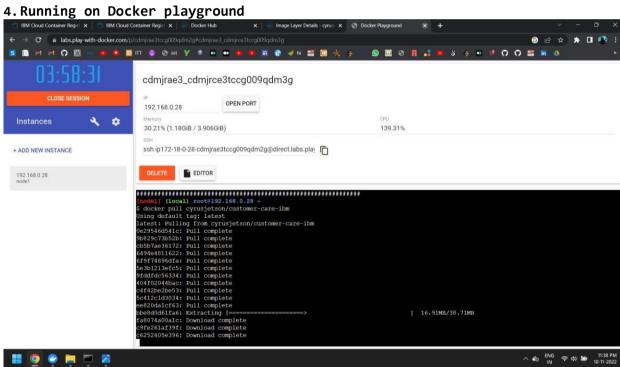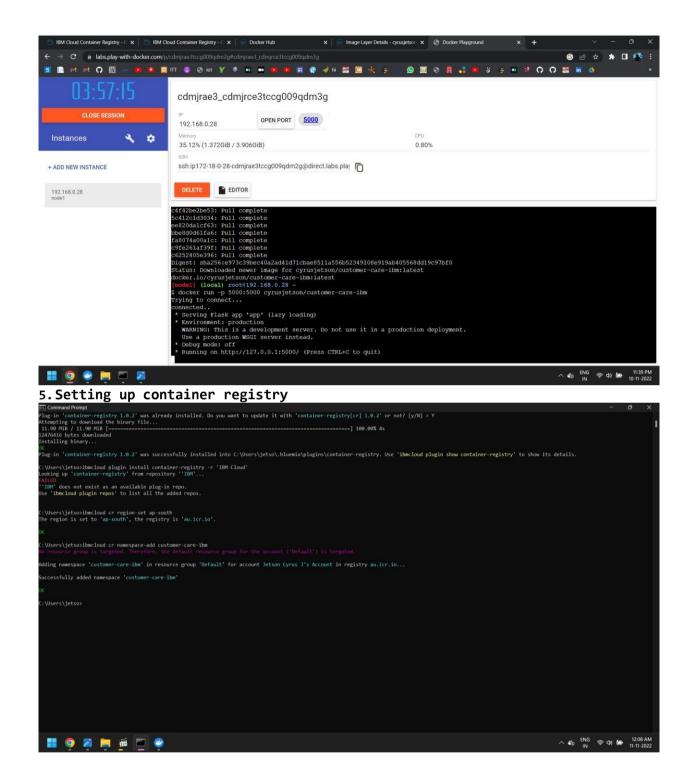1. Containerize the app:

2.Upload in docker hub

3. Building Image

4. Pushing docker image

4. Running on Docker playground

5.Setting up container registry


```
Plug-in 'container-registry 1.0.2' was already installed. Do you want to update it with 'container-registry[cr] 1.0.2' or not? [y/N] > Y
Attempting to download the binary file...
 11.90 MiB / 11.90 MiB [=================================================================] 100.00% 4s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\jetso\.bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\jetso>ibmcloud plugin install container-registry -r 'IBM Cloud'
Looking up 'container-registry' from repository ''IBM'...
FAILED
''IBM' does not exist as an available plug-in repo.
Use 'ibmcloud plugin repos' to list all the added repos.

C:\Users\jetso>ibmcloud cr region-set ap-south
The region is set to 'ap-south', the registry is 'au.icr.io'.

OK

C:\Users\jetso>ibmcloud cr namespace-add customer-care-ibm
No resource group is targeted. Therefore, the default resource group for the account ('Default') is targeted.

Adding namespace 'customer-care-ibm' in resource group 'Default' for account Jetson Cyrus J's Account in registry au.icr.io...

Successfully added namespace 'customer-care-ibm'

OK

C:\Users\jetso>
```

6.Uploading image in container registry

7.Deploy in Docker