Sprint 4

Team ID:
PNT2022TMID48235

Team Mates:

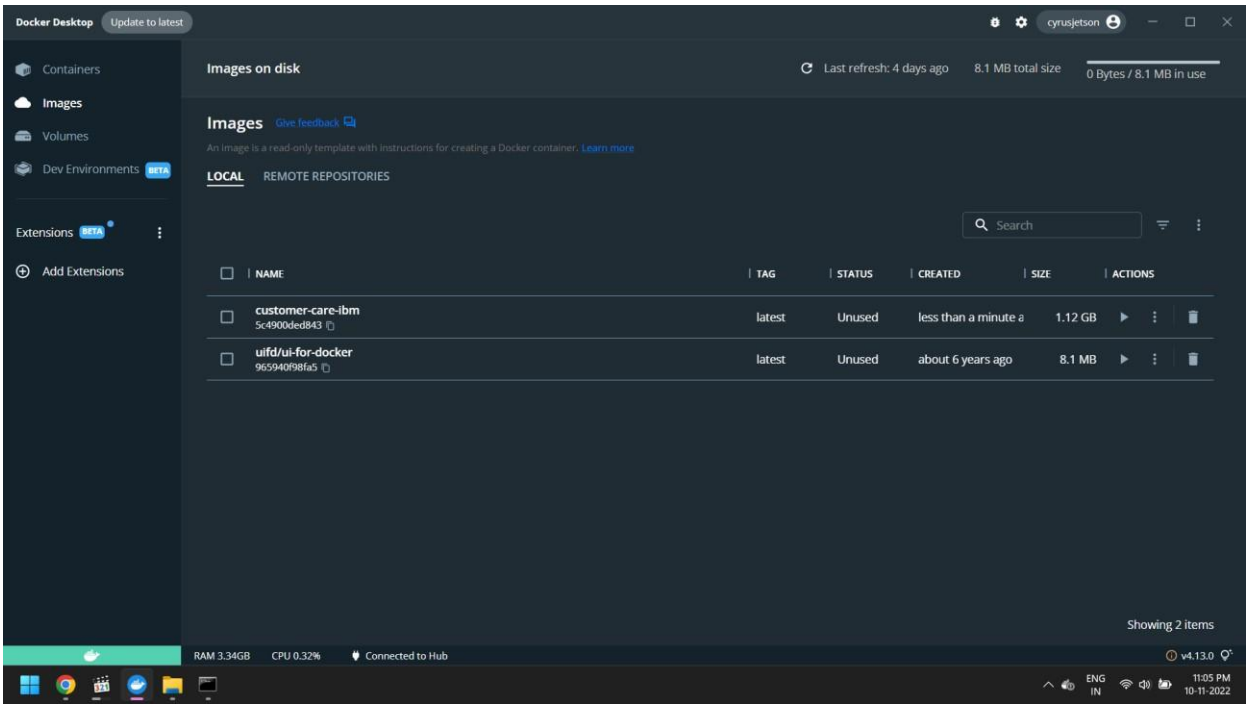
1. Saran R(TL)
2. Sabarinath GD
3. RISHI RAGUL GR
4. Prakash Raj D

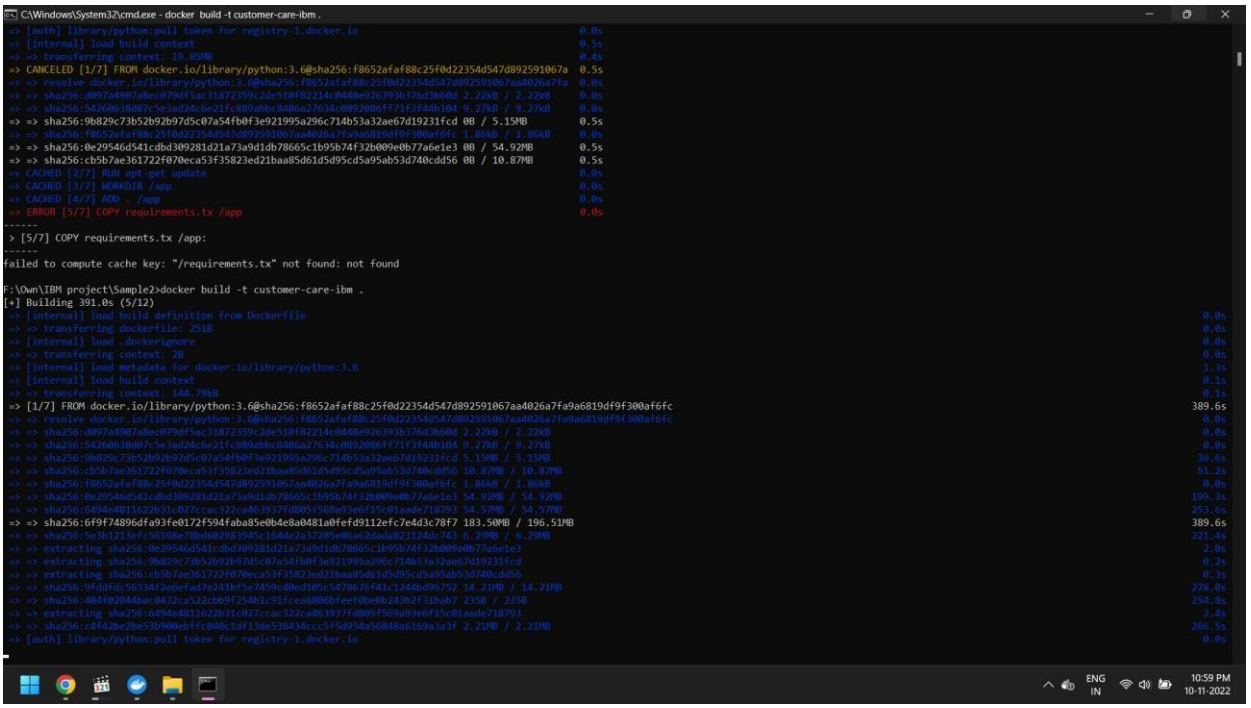
Sprint 4:

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**

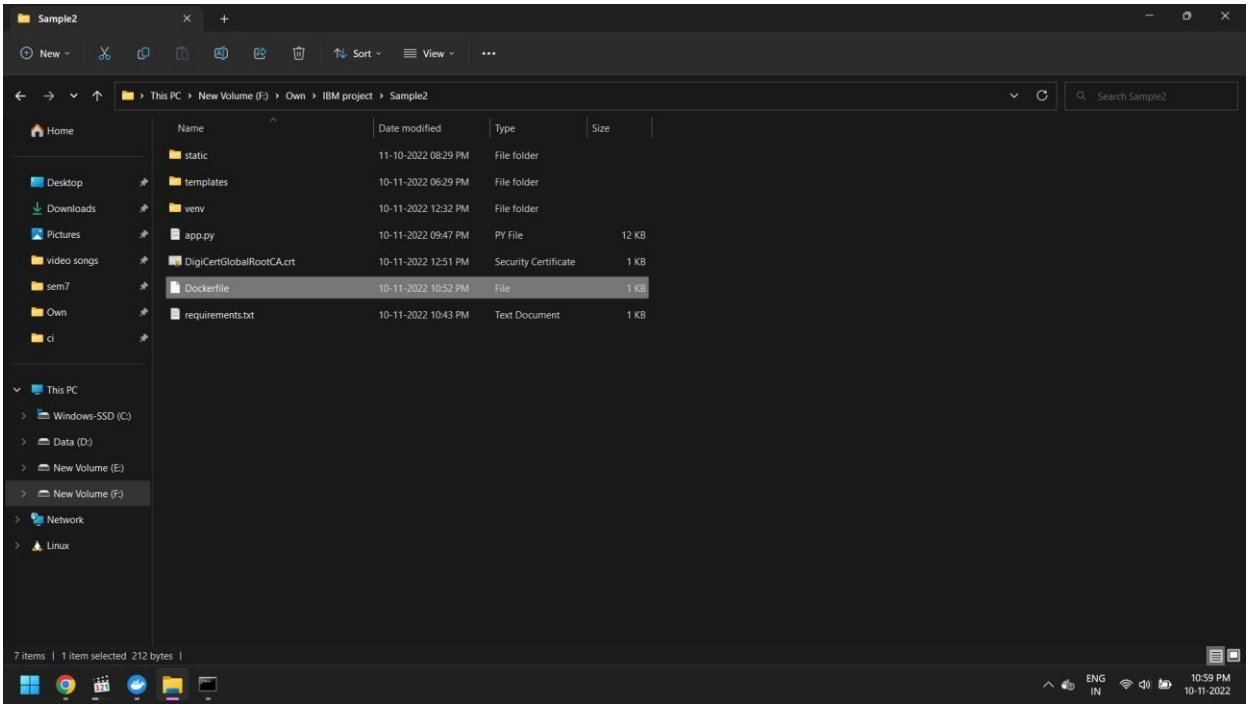
Output:

1. **Containerize the app:**

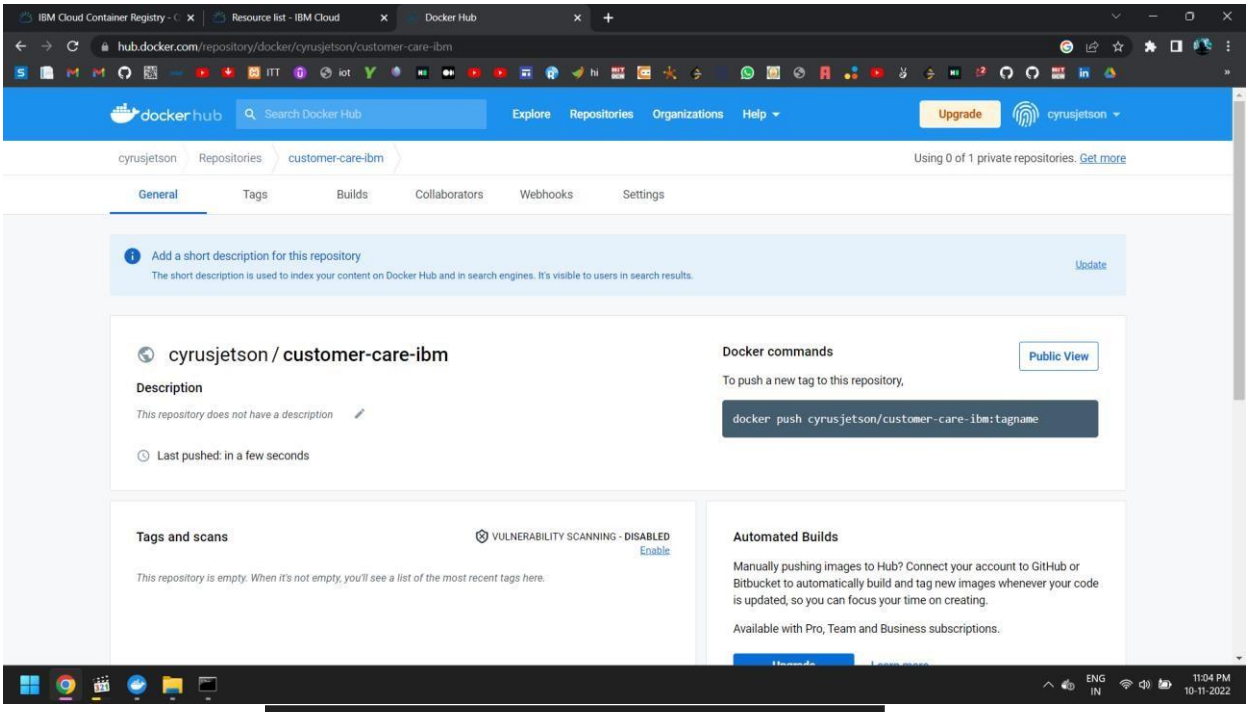

Docker Desktop
Update to latest
cyrusjetson
Containers
Images
Volumes
Dev Environments
BETA
Extensions
BETA
Add Extensions
Images on disk
Last refresh: 4 days ago
8.1 MB total size
0 Bytes / 8.1 MB in use
Images
Give feedback
An image is a read-only template with instructions for creating a Docker container. Learn more
LOCAL
REMOTE REPOSITORIES
Search
NAME
TAG
STATUS
CREATED
SIZE
ACTIONS
customer-care-ibm
5c4900ded843
latest
Unused
less than a minute a
1.12 GB
uifd/ui-for-docker
965940f98fa5
latest
Unused
about 6 years ago
8.1 MB
Showing 2 items
RAM 3.34GB
CPU 0.32%
Connected to Hub
v4.13.0
ENG
IN
11:05 PM
10-11-2022

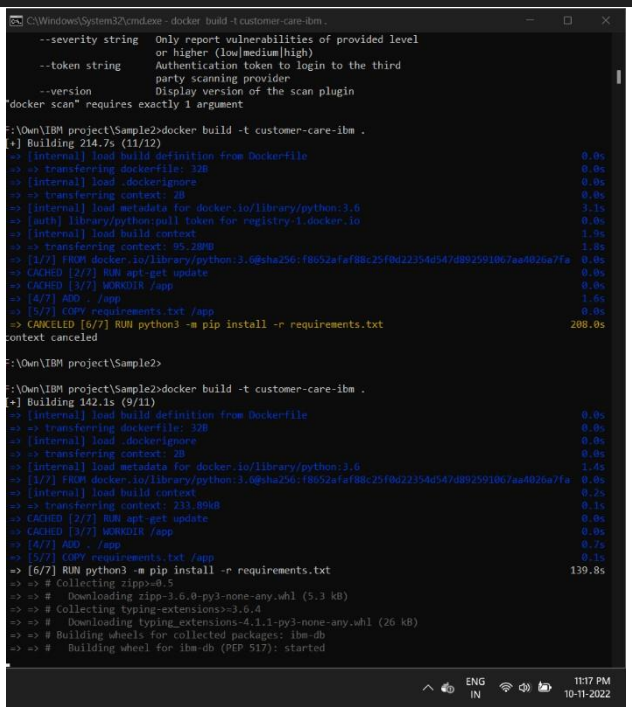

C:\Windows\System32\cmd.exe - docker build -t customer-care-ibm .
=> [auth] library/python:pull token for registry-1.docker.io 0.0s
=> [internal] load build context 0.5s
=> => transferring context: 19.85MB 0.4s
=> CANCELED [1/7] FROM docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067a 0.5s
=> => resolve docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa 0.0s
=> => sha256:d097a4907a8ec079df5ac31872359c2de510f82214c0448e926393b376d3b60d 2.22kB / 2.22kB 0.0s
=> => sha256:542600630b07c5e3ad2dc6e21fc889abbc0480aa7b14c0092086ff71f1f34db104 9.27kB / 9.27kB 0.0s
=> => sha256:9b829c73b52b92b97d5c07a54fb0f3e921995a296c714b53a32ae67d19231fcd 0B / 5.15MB 0.5s
=> => sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc 1.86kB / 1.86kB 0.0s
=> => sha256:0e29546d541cdbd309281d21a73a9d1db78665c1b95b74f32b009e0b77a6e1e3 0B / 54.92MB 0.5s
=> => sha256:cb5b7ae361722f070eca53f35823ed21baa85d61d5d95cd5a95ab53d740cdd56 0B / 10.87MB 0.5s
=> CACHED [2/7] RUN apt-get update 0.0s
=> CACHED [3/7] WORKDIR /app 0.0s
=> CACHED [4/7] ADD . /app 0.0s
=> ERROR [5/7] COPY requirements.tx /app 0.0s

> [5/7] COPY requirements.tx /app:
------
failed to compute cache key: "/requirements.tx" not found: not found
F:\Own\IBM project\Sample2>docker build -t customer-care-ibm .
[+] Building 391.0s (5/12)
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 251B 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/python:3.6 1.3s
=> [internal] load build context 0.1s
=> => transferring context: 144.79kB 0.1s
=> [1/7] FROM docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc 389.6s
=> => resolve docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc 0.0s
=> => sha256:d097a4907a8ec079df5ac31872359c2de510f82214c0448e926393b376d3b60d 2.22kB / 2.22kB 0.0s
=> => sha256:542600630b07c5e3ad2dc6e21fc889abbc0480aa7b14c0092086ff71f1f34db104 9.27kB / 9.27kB 0.0s
=> => sha256:9b829c73b52b92b97d5c07a54fb0f3e921995a296c714b53a32ae67d19231fcd 5.15MB / 5.15MB 36.6s
=> => sha256:cb5b7ae361722f070eca53f35823ed21baa85d61d5d95cd5a95ab53d740cdd56 10.87MB / 10.87MB 51.2s
=> => sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc 1.86kB / 1.86kB 0.0s
=> => sha256:0e29546d541cdbd309281d21a73a9d1db78665c1b95b74f32b009e0b77a6e1e3 54.92MB / 54.92MB 199.3s
=> => sha256:6494e4811622b31c027ccac322ca463037fd005f560a93e6f15c01aade718793 54.57MB / 54.57MB 253.6s
=> => sha256:6f9f74896dfa93fe0172f594faba85e0b4e8a0481a0fefd9112efc7e4d3c78f7 183.50MB / 196.51MB 389.6s
=> => sha256:5e3b1211efc56598e78bd602983945c164de2a37205e06a62dada823124dc743 6.29MB / 6.29MB 221.4s
=> => extracting sha256:0e29546d541cdbd309281d21a73a9d1db78665c1b95b74f32b009e0b77a6e1e3 2.0s
=> => extracting sha256:9b829c73b52b92b97d5c07a54fb0f3e921995a296c714b53a32ae67d19231fcd 0.2s
=> => extracting sha256:cb5b7ae361722f070eca53f35823ed21baa85d61d5d95cd5a95ab53d740cdd56 0.3s
=> => sha256:9fddfdc56334f2ebefad7e241bf5e7459c40ed105c5478676f41c1244bd96752 14.21MB / 14.21MB 278.0s
=> => sha256:484f02044bac0432ca522cbb9f254b1c91fcea6806bfeef0be6b243b2f31bab7 235B / 235B 254.8s
=> => extracting sha256:6494e4811622b31c027ccac322ca463037fd005f560a93e6f15c01aade718793 2.4s
=> => sha256:c4f42be2be53b900ebffc040c1df13de538434cce5f5d954a56848a6169a3a3f 2.21MB / 2.21MB 266.5s
=> [auth] library/python:pull token for registry-1.docker.io 0.0s
ENG IN
10:59 PM 10-11-2022

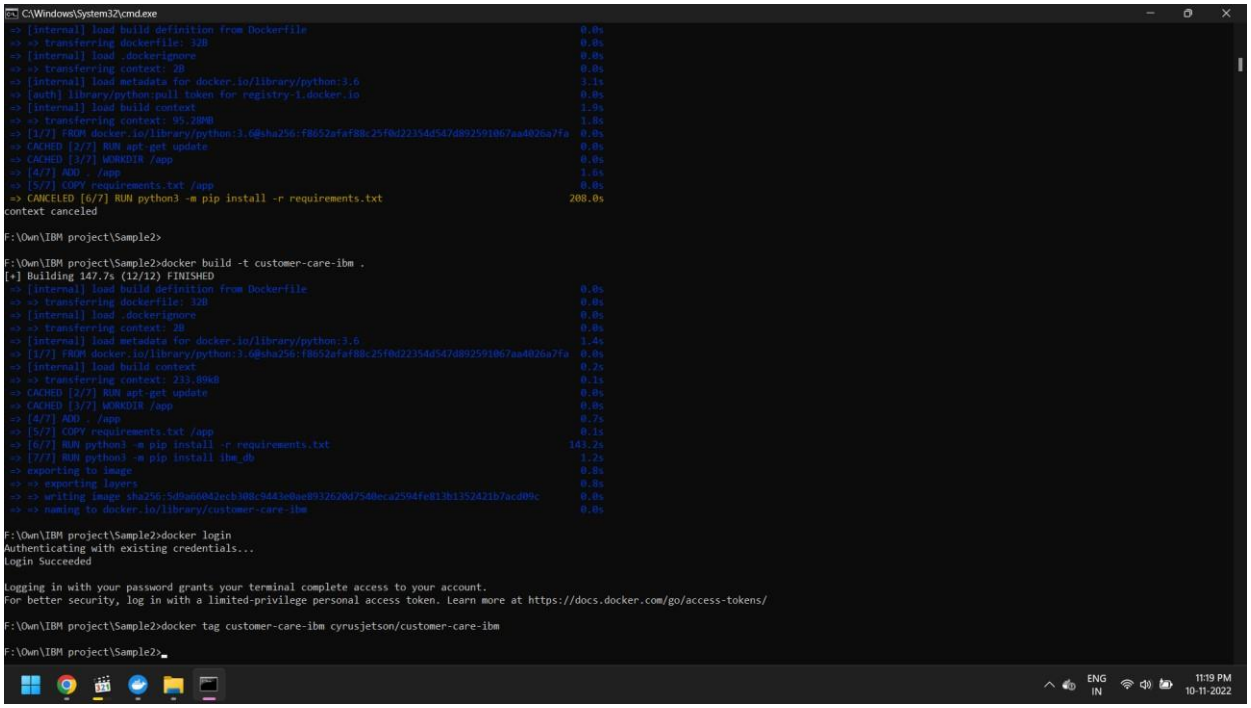

Sample2
New
Sort
View
This PC › New Volume (F:) › Own › IBM project › Sample2
Search Sample2
Home
Desktop
Downloads
Pictures
video songs
sem7
Own
ci
This PC
Windows-SSD (C:)
Data (D:)
New Volume (E:)
New Volume (F:)
Network
Linux
Name
Date modified
Type
Size
static 11-10-2022 08:29 PM File folder
templates 10-11-2022 06:29 PM File folder
venv 10-11-2022 12:32 PM File folder
app.py 10-11-2022 09:47 PM PY File 12 KB
DigiCertGlobalRootCA.crt 10-11-2022 12:51 PM Security Certificate 1 KB
Dockerfile 10-11-2022 10:52 PM File 1 KB
requirements.txt 10-11-2022 10:43 PM Text Document 1 KB
7 items | 1 item selected 212 bytes
ENG IN
10:59 PM 10-11-2022

2.Upload in docker hub

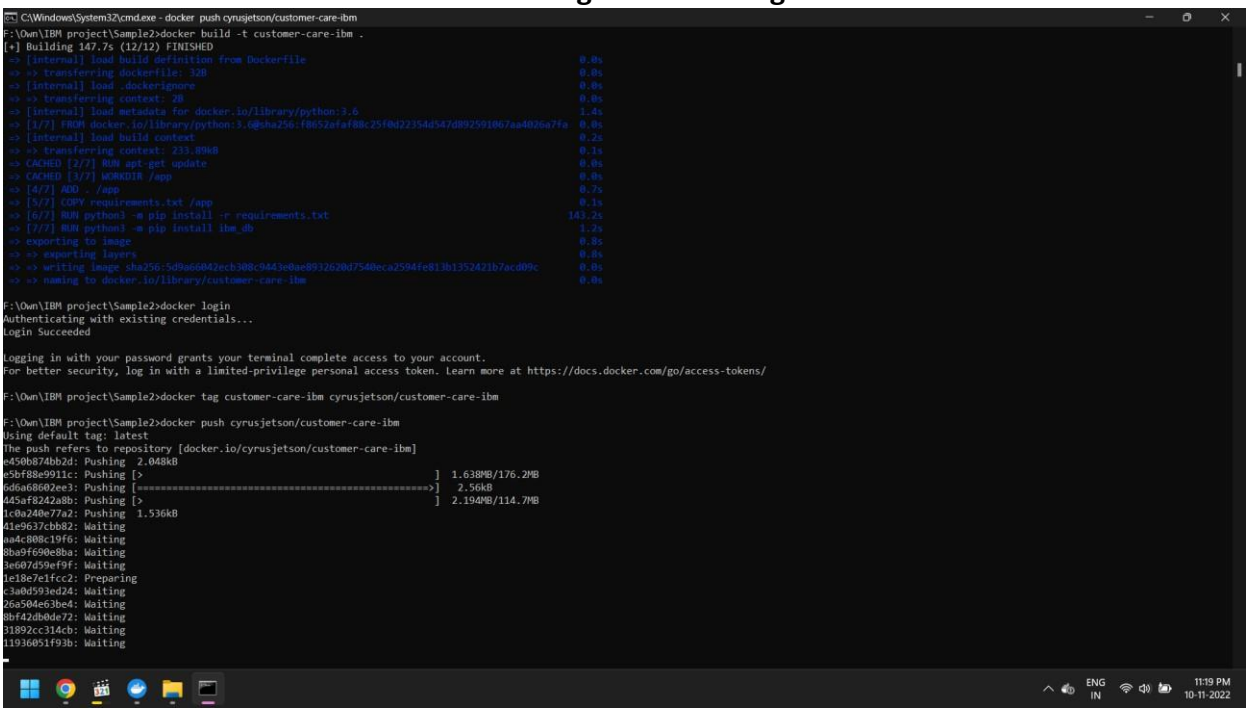


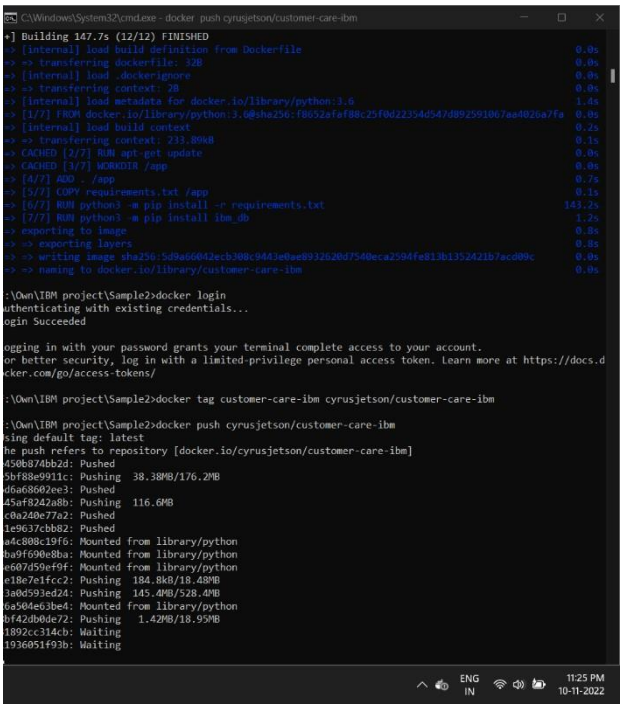


3. Building Image

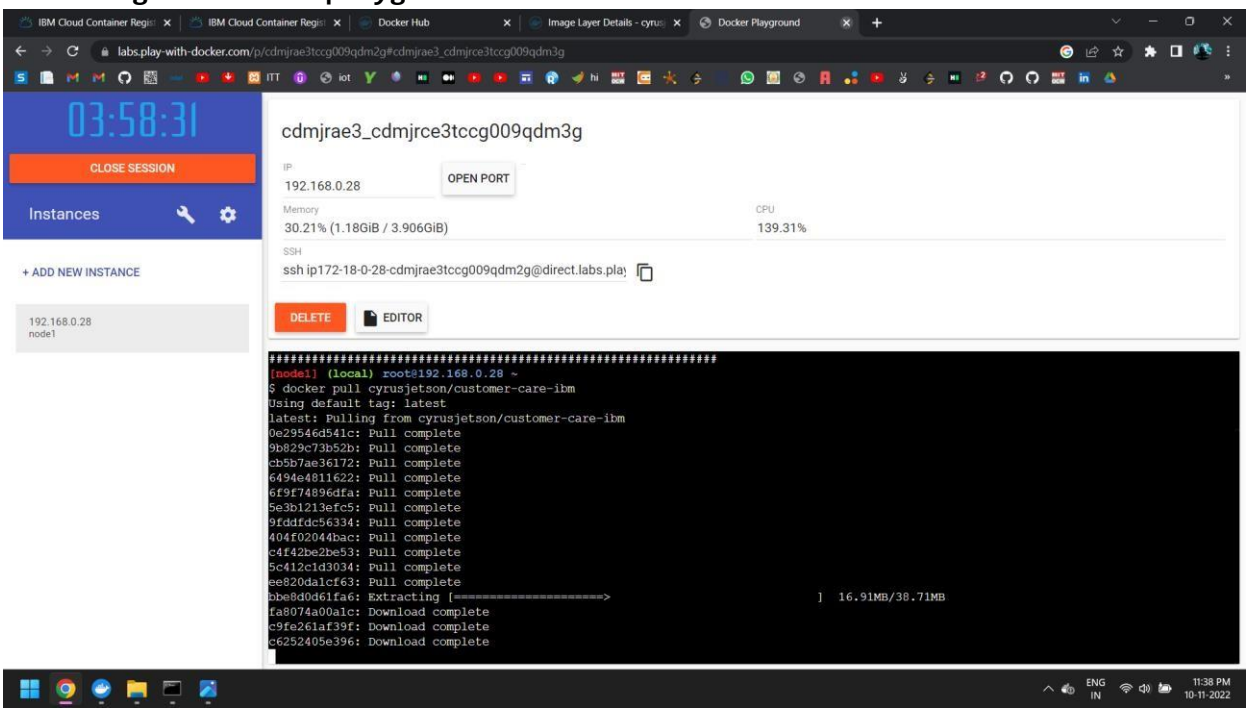


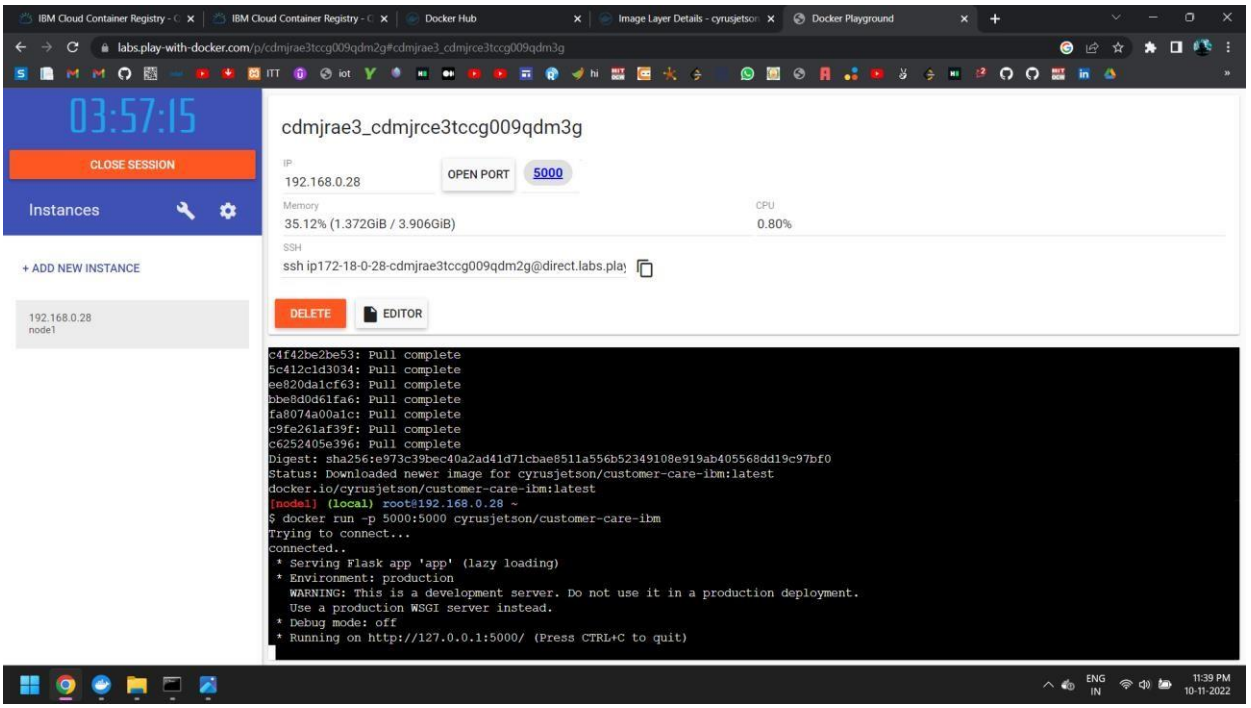
4.Pushing docker image



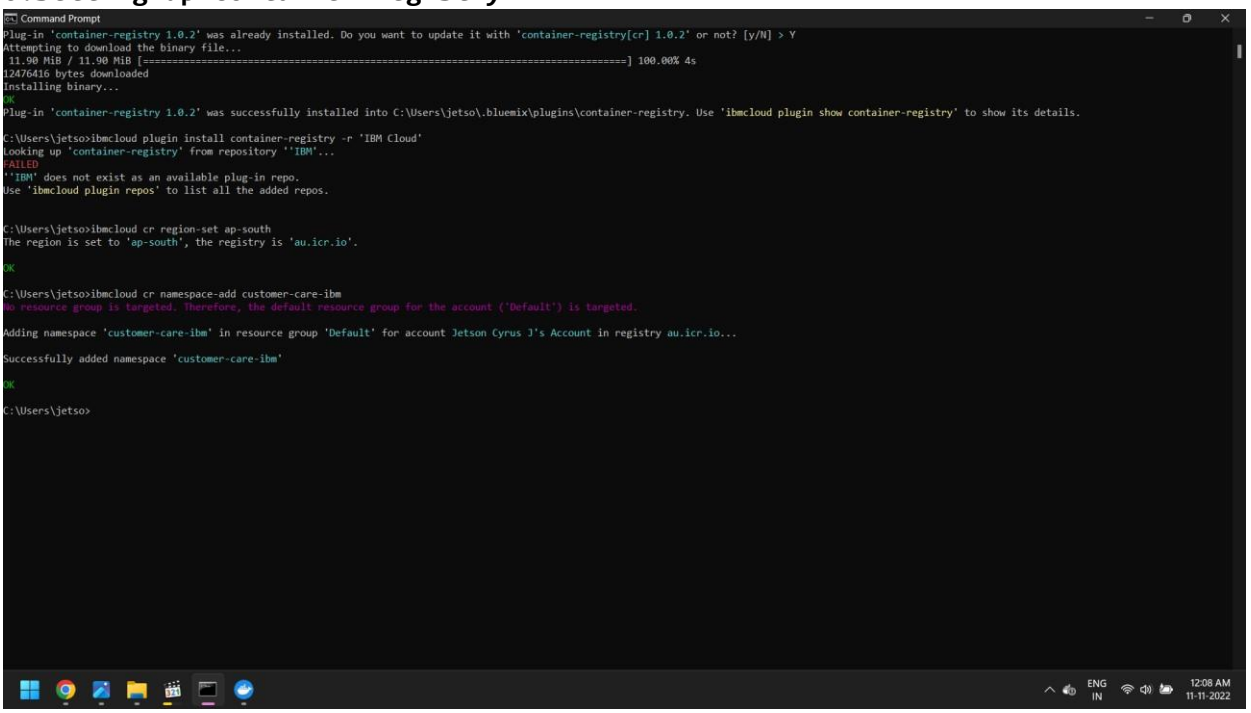


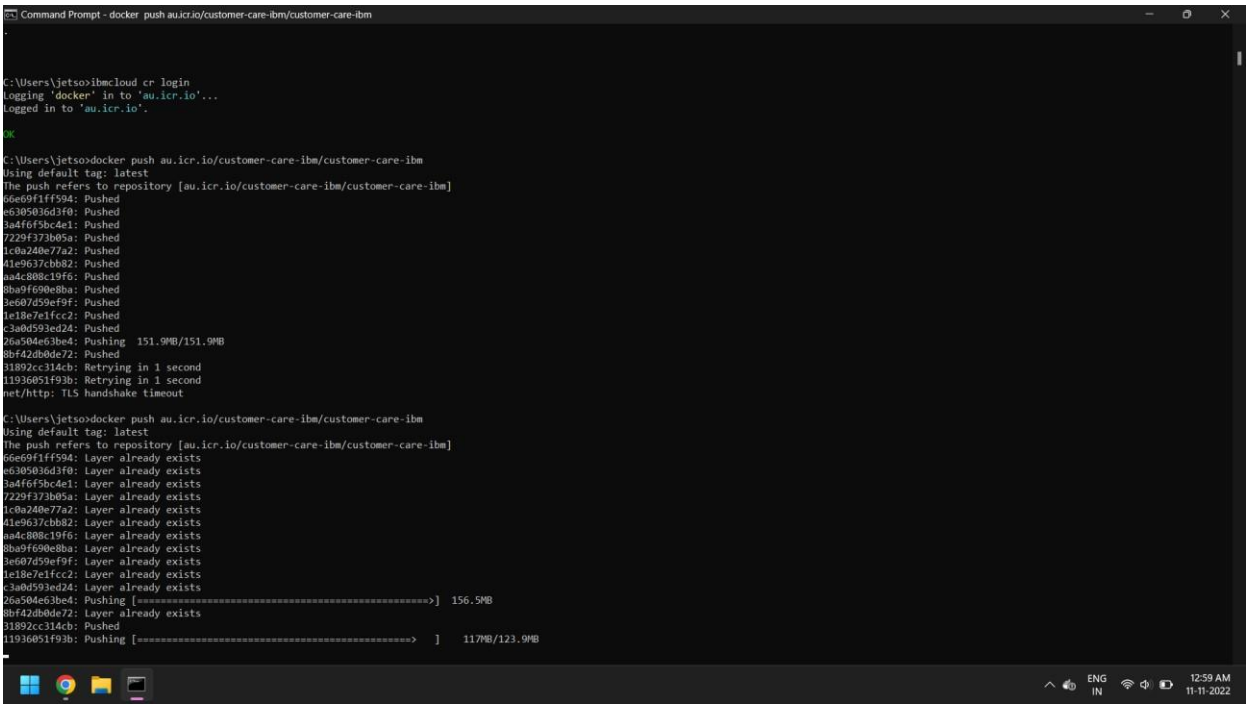
5.Running on Docker playground



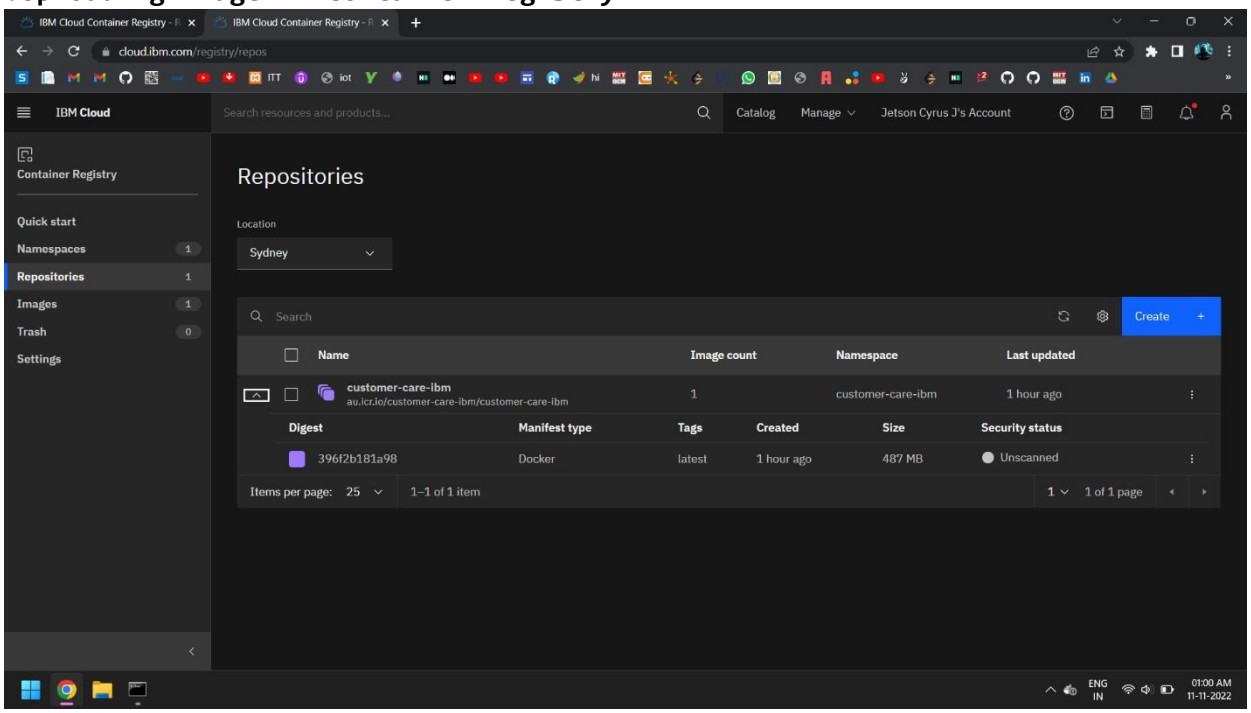
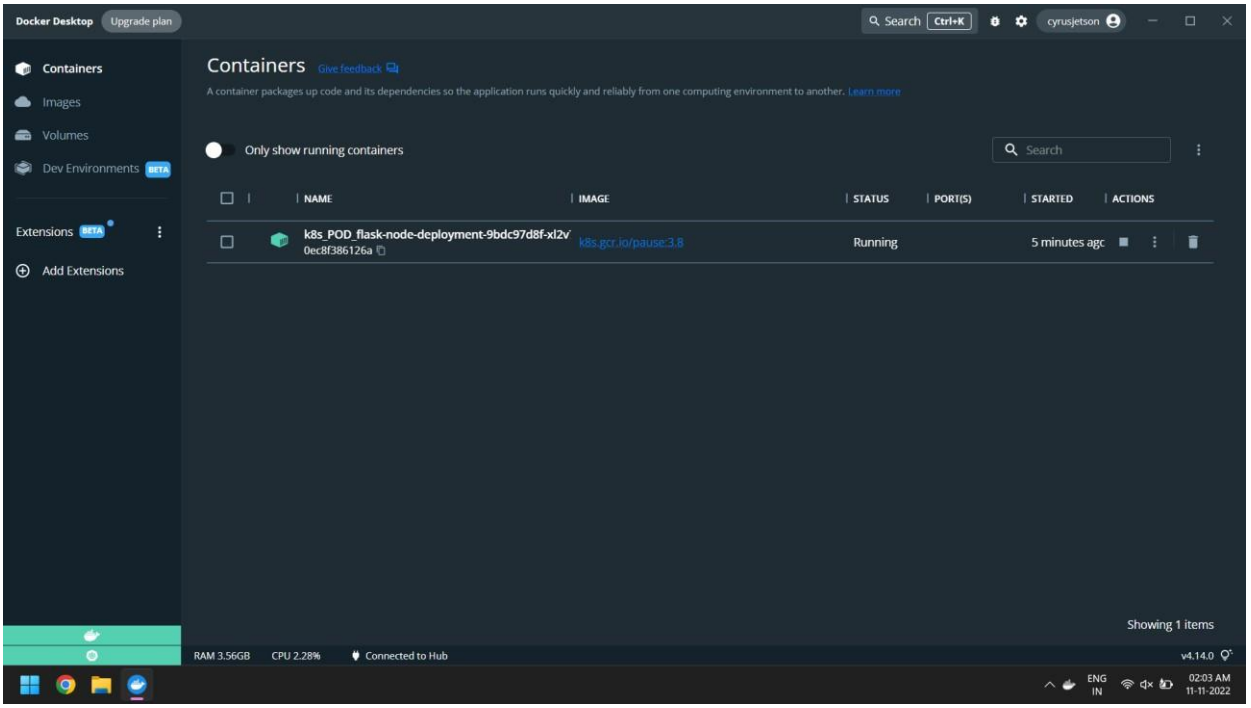


6.Setting up container registry





7.Uploading image in container registry



8.Deploy in Docker