Sprint 4

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Team Mates:

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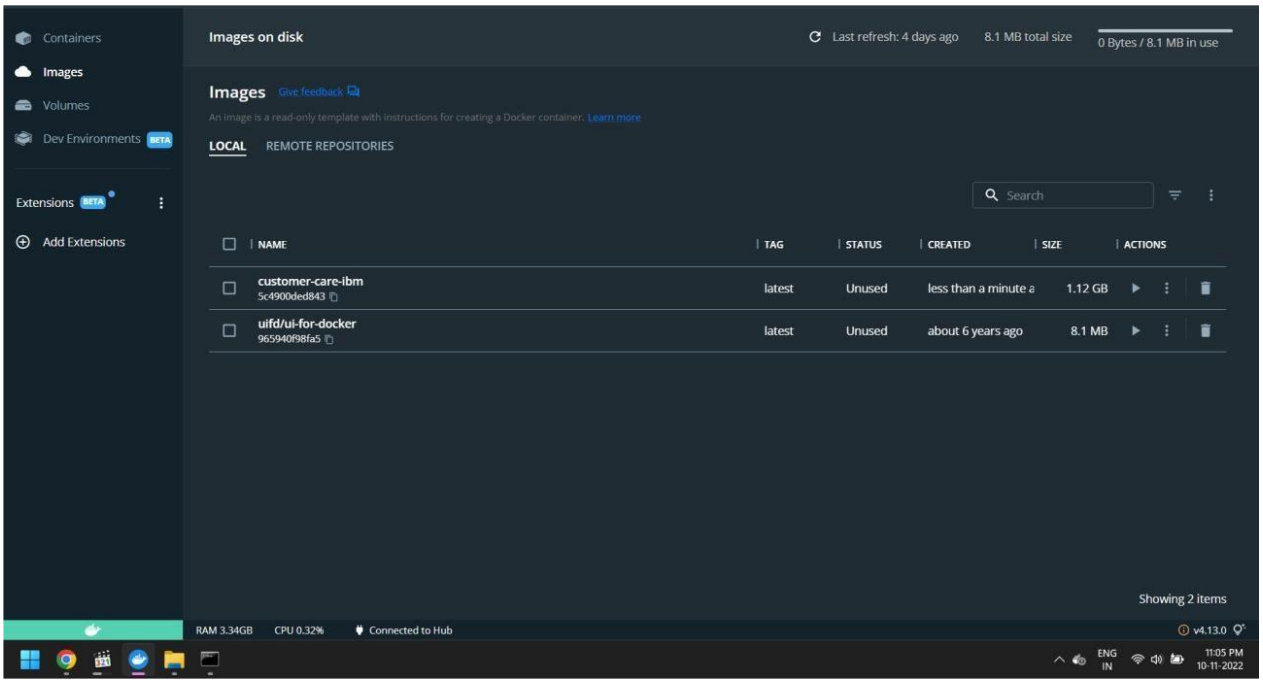
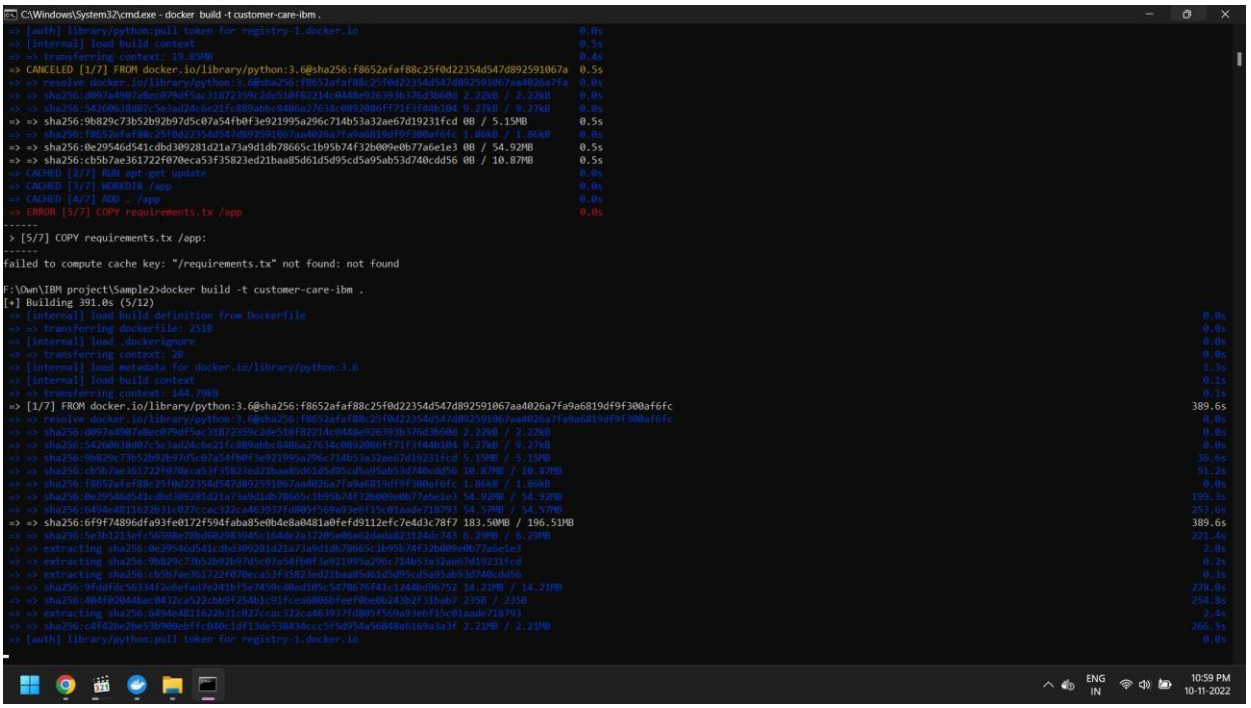
Sprint 4:

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**
9. **Upload Demo Video - https://drive.google.com/file/d/1_wCvtLk7l9aGg1tbrEC7XlHUOrRggq9f/view?usp=sharing**

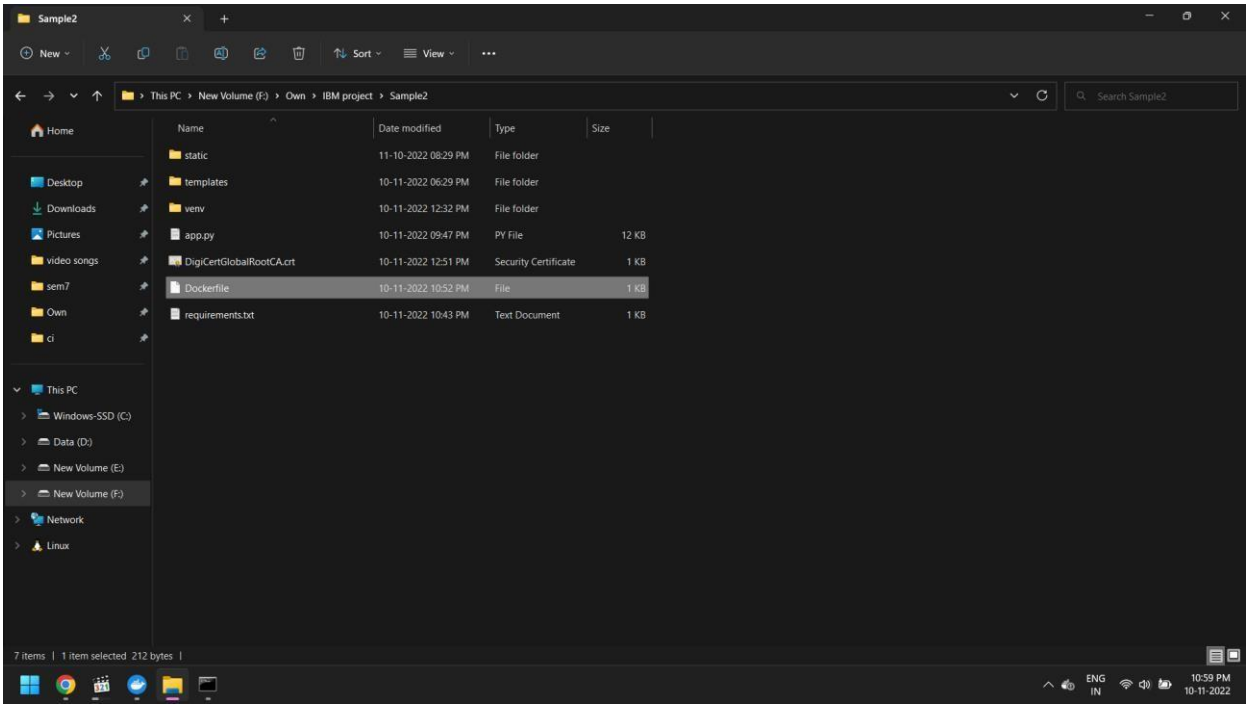
Output:

1. **Containerize the app:**

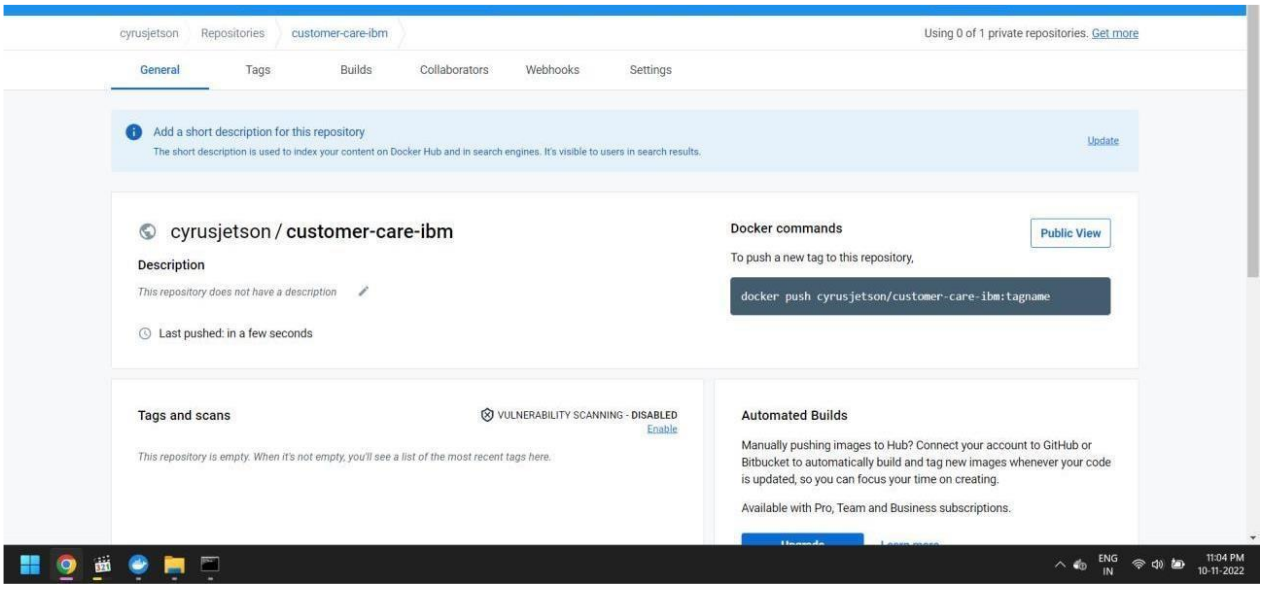

Containers
Images
Volumes
Dev Environments BETA
Extensions BETA
Add Extensions
Images on disk
Last refresh: 4 days ago
8.1 MB total size
0 Bytes / 8.1 MB in use
Images
Give feedback
An image is a read-only template with instructions for creating a Docker container. Learn more
LOCAL
REMOTE REPOSITORIES
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

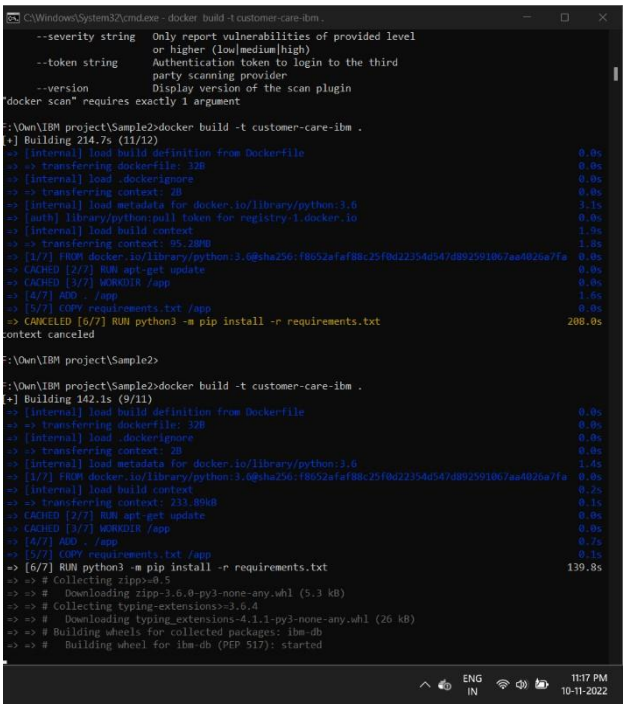

C:\Windows\System32\cmd.exe - docker build -t customer-care-ibm .
=> [auth] library/python:pull token for registry-1.docker.io 0.0s
=> [internal] load build context 0.5s
=> => transferring context: 19.85MB 0.4s
=> CANCELED [1/7] FROM docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067a 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

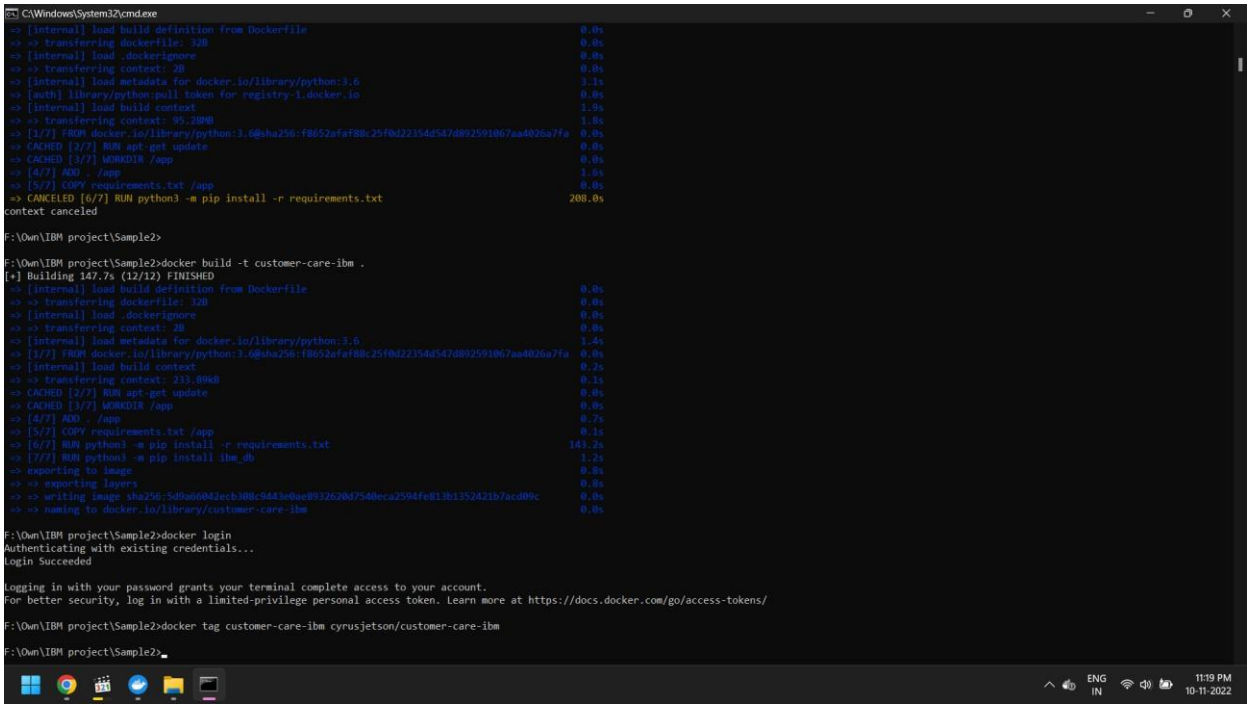

Sample2
New
Sort
View
This PC › New Volume (F:) › Own › IBM project › Sample2
Search Sample2
Home
Desktop
Downloads
Pictures
video songs
sem7
Own
ci
This PC
Windows-SSD (C:)
Data (D:)
New Volume (E:)
New Volume (F:)
Network
Linux
Name
Date modified
Type
Size
static 11-10-2022 08:29 PM File folder
templates 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

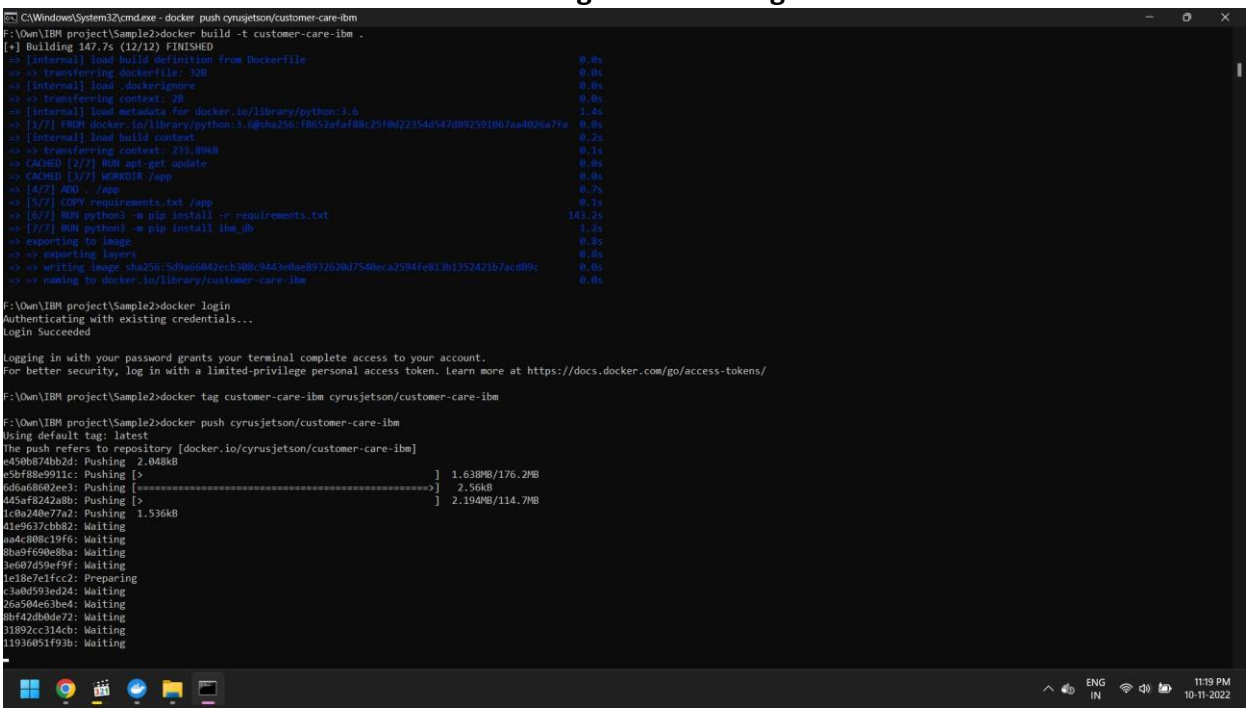


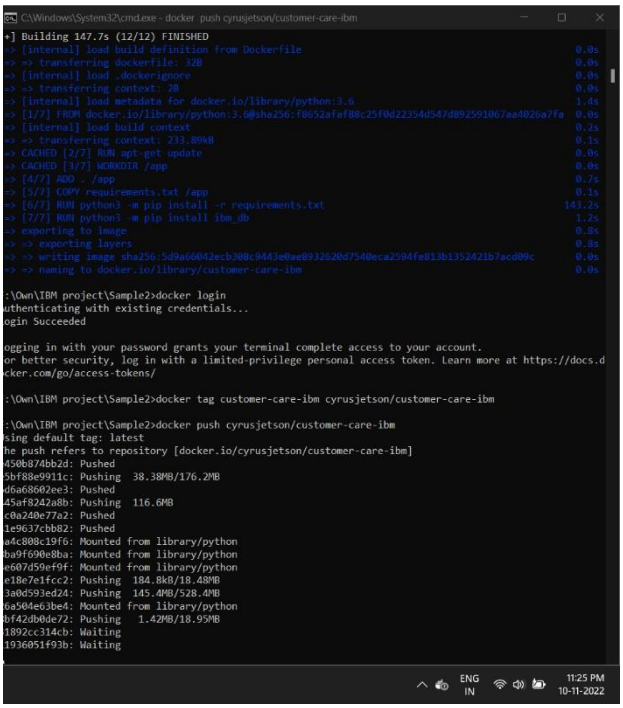


3. Building Image

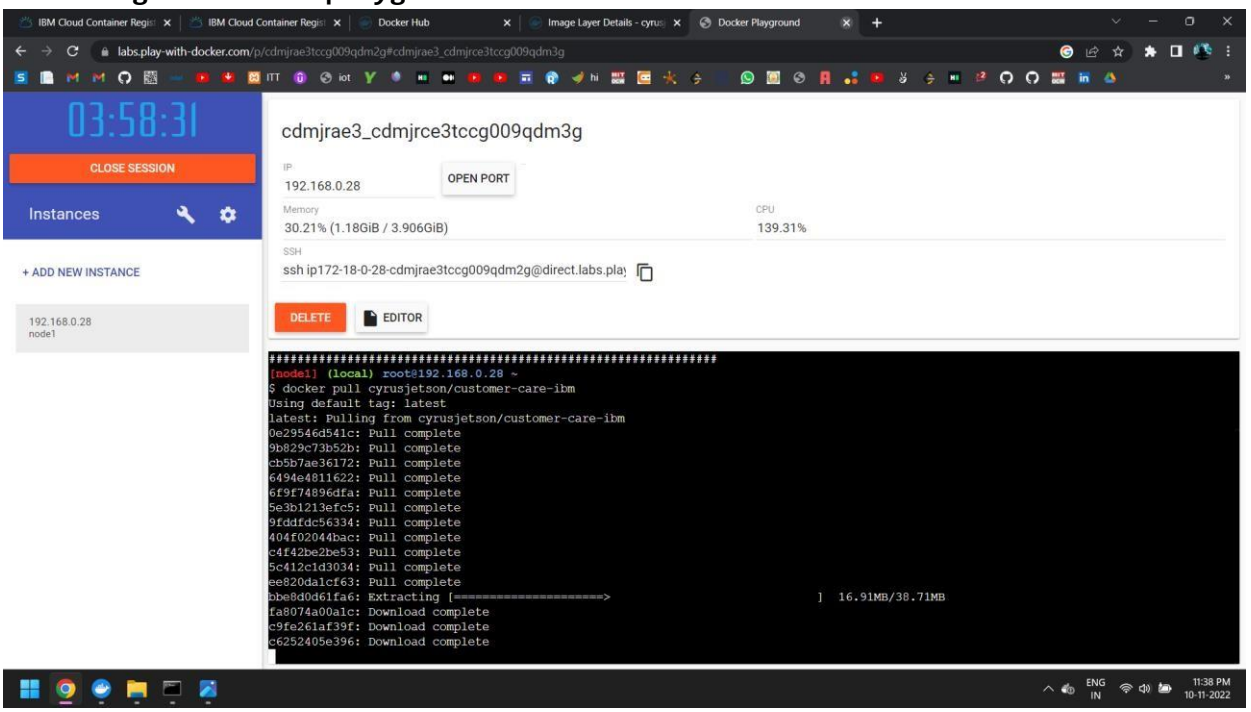


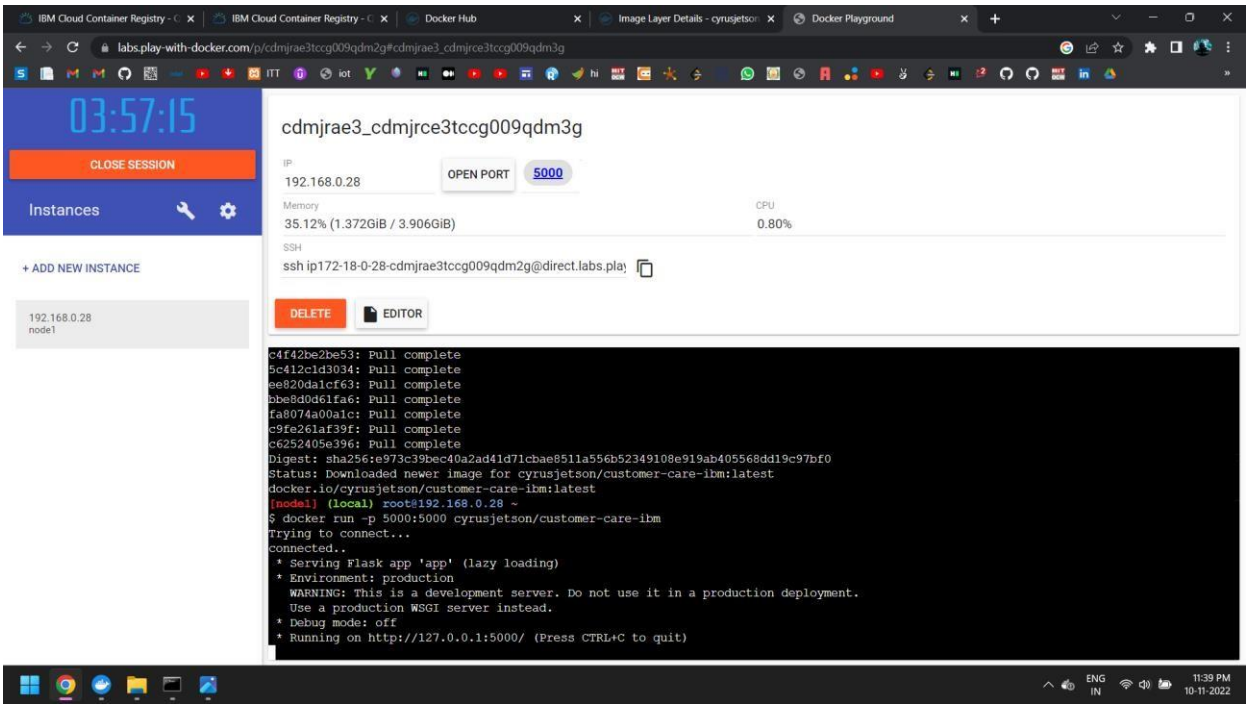
4.Pushing docker image



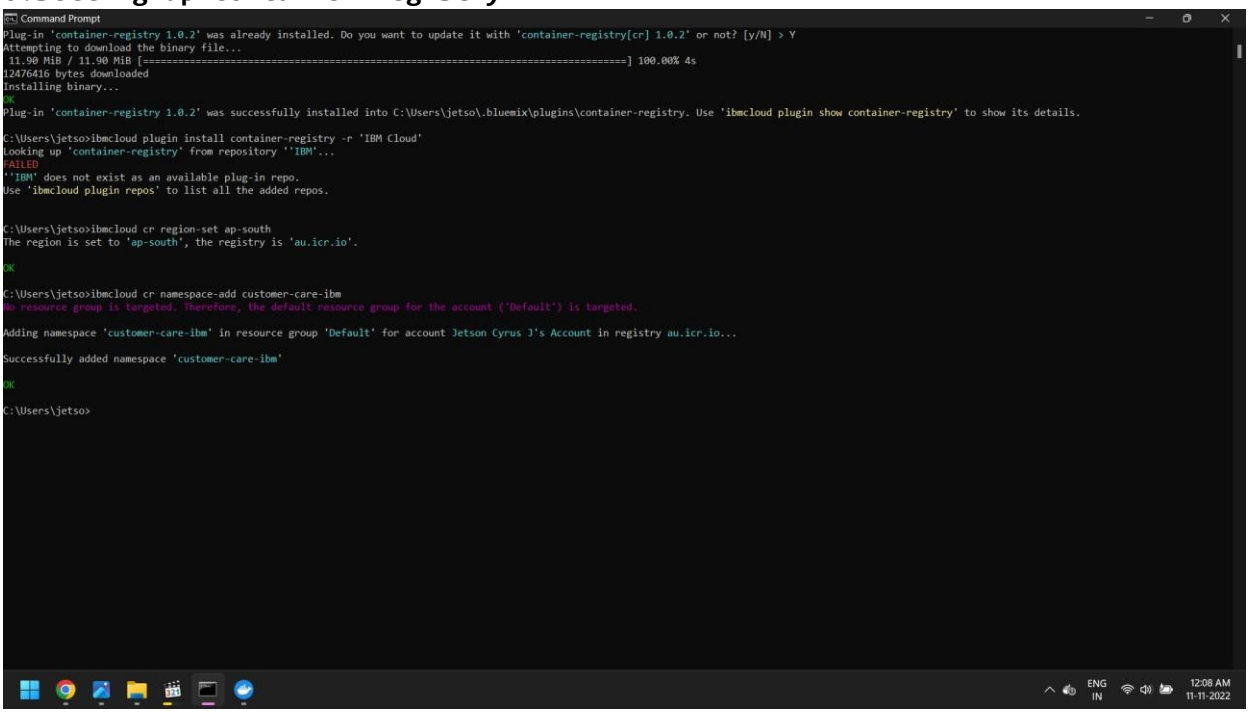


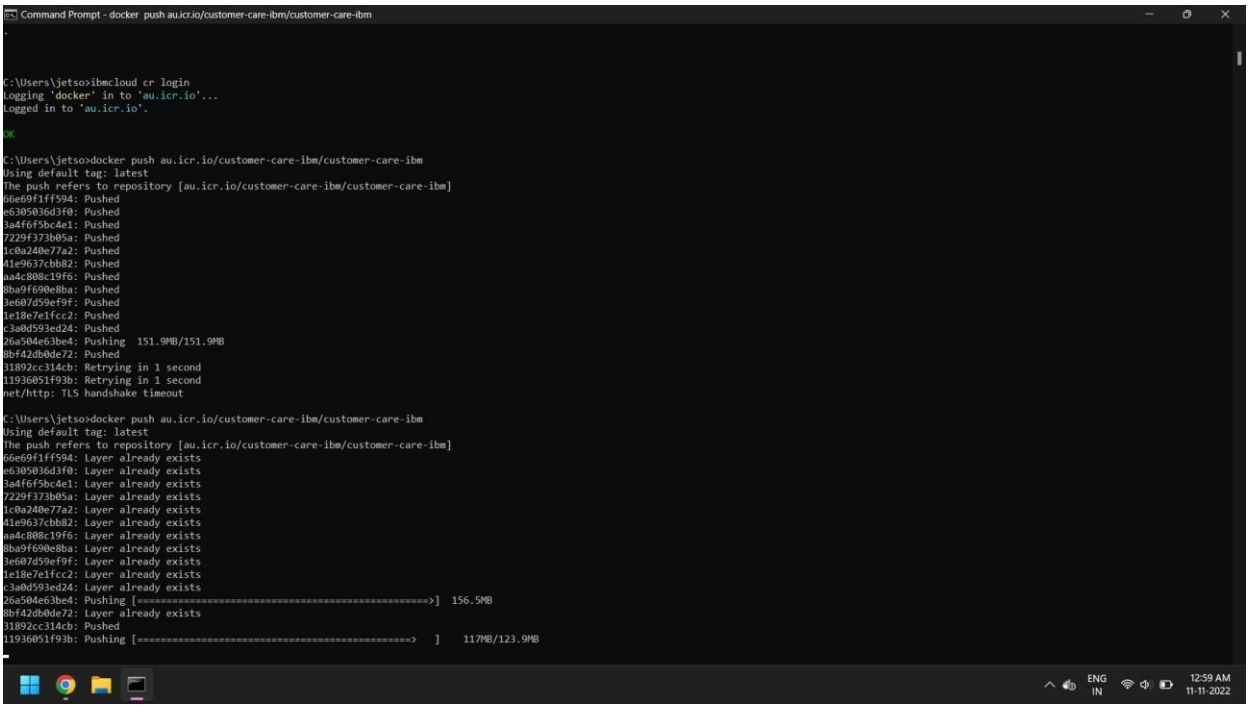
5.Running on Docker playground



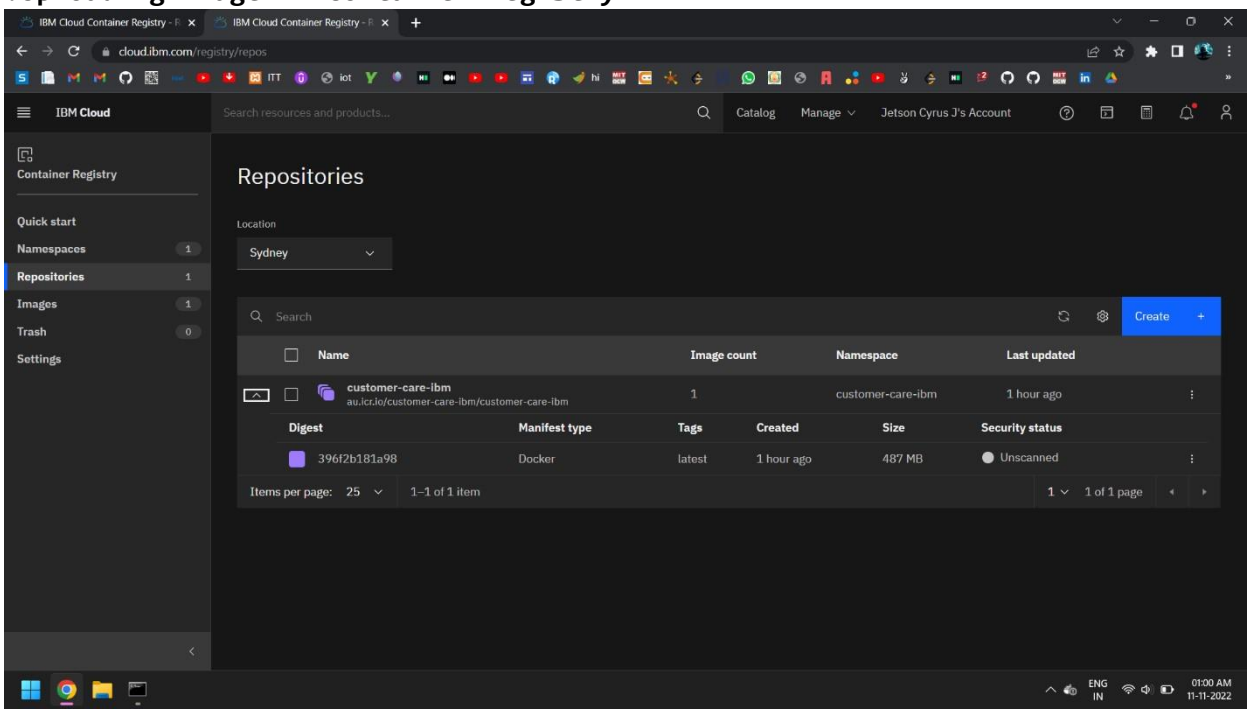


6.Setting up container registry

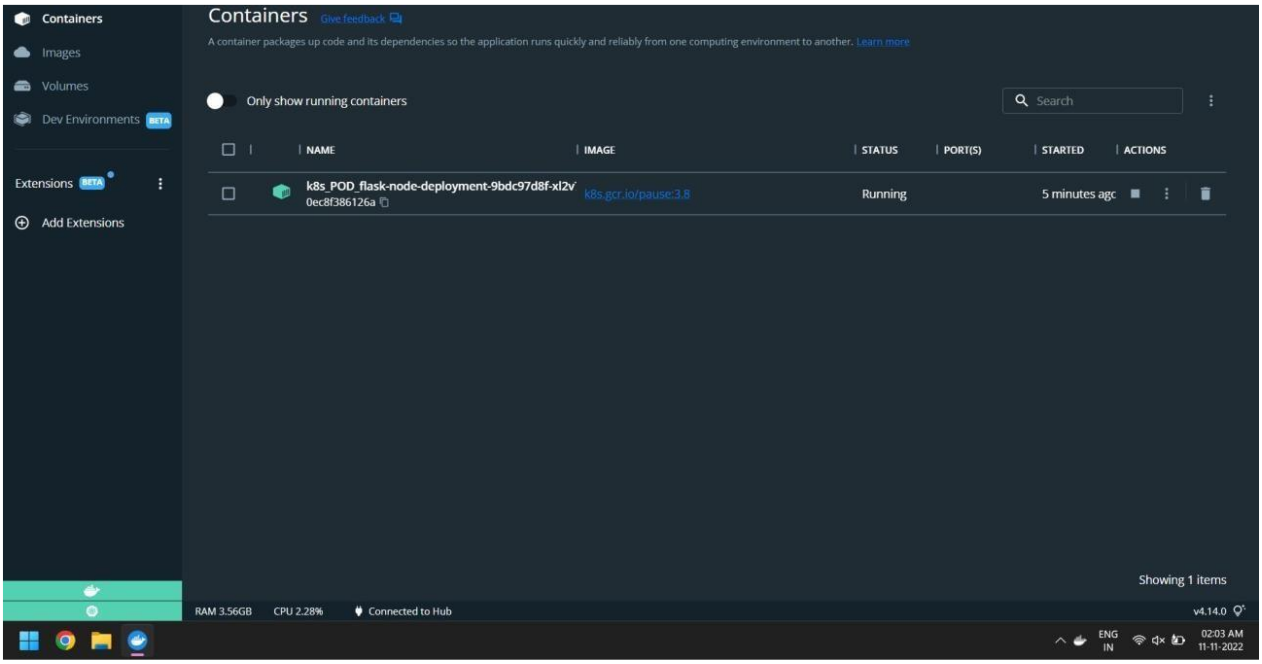




7.Uploading image in container registry



8.Deploy in Docker



9.Upload Demo Video

Google Drive Link:
https://drive.google.com/file/d/1_wCvtLk7l9aGg1tbrEC7XlHUOrRggq9f/view?usp=sharing