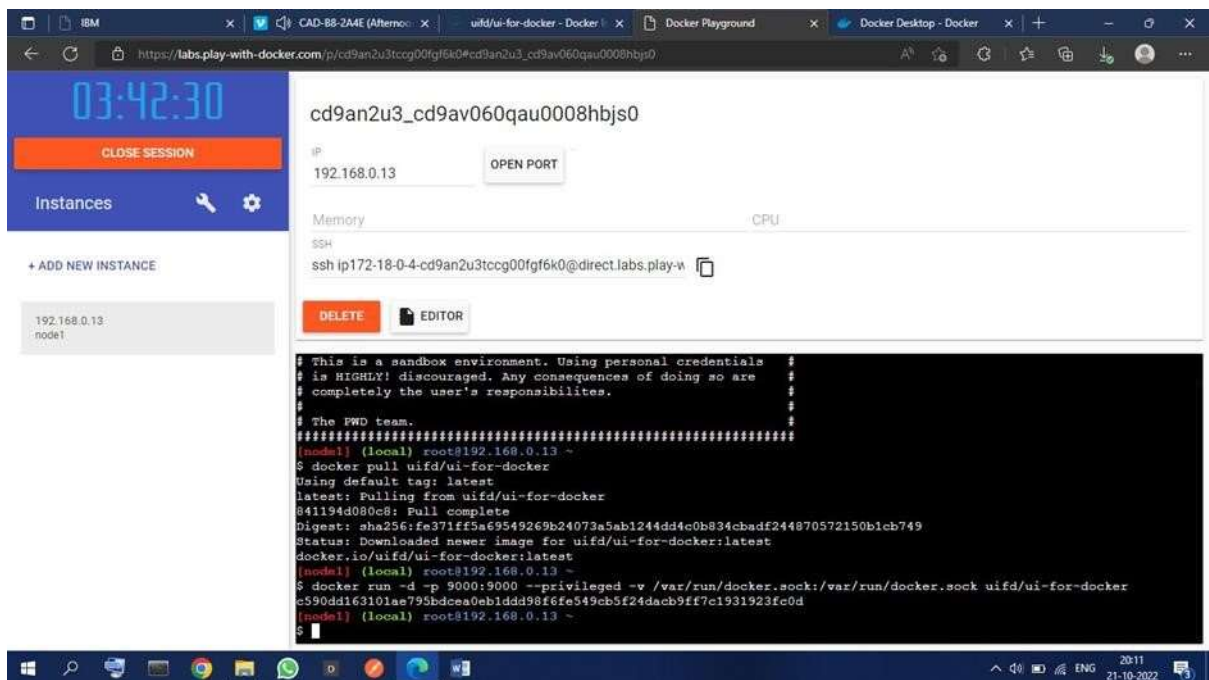
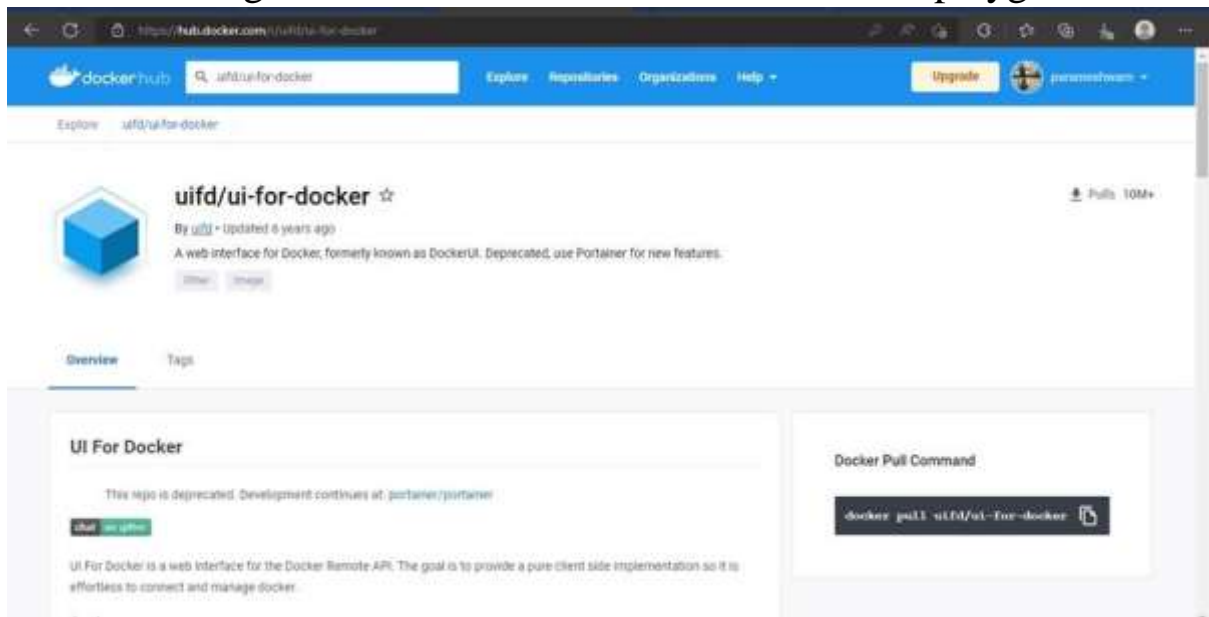


## ASSIGNMENT – IV

<b>Project Name</b>	Plasma Donor application
<b>Team ID</b>	PNT2022TMID33788
<b>Student name</b>	Roshan B
<b>Student Register Number</b>	950819104708

### Questions:

1. Pull an image from docker hub and run it in docker playground.



## 2. Create a docker file for the job portal application and deploy it in Docker desktop application.

```
C:\Windows\System32\cmd.exe
[Internal] load build definition from Dockerfile
-> transferring dockerfile: 32B
[Internal] load .dockerignore
-> transferring context: 2B
[Internal] load metadata for docker.io/library/python:3.9
[auth] library/python:pull token for registry-1.docker.io
[Internal] load build context
-> transferring context: 667B
[1/6] FROM docker.io/library/python:3.9@sha256:f8523a7af48c25f0d22354d547d003591067aa4026a7faa6810d9f300aefc
-> resolve docker.io/library/python:3.9@sha256:f8523a7af48c25f0d22354d547d003591067aa4026a7faa6810d9f300aefc
-> sha256:f8523a7af48c25f0d22354d547d003591067aa4026a7faa6810d9f300aefc 1.0GB / 1.0GB
-> sha256:0b72a097db=0797fa3187238e2ad50f2214c048a920393b370d3000 2.22MB / 2.22MB
-> sha256:54208518075e3ad346a217c00abec0486a27634c0052006ff773f44b104 9.27KB / 9.27KB
-> sha256:0e29546d41cdd599281d21e71a0d1d07865c1b00674f3200000077ade1a3 54.52MB / 54.52MB
-> sha256:06028c736218200745c87a54f90f7e021895a206c714053a33a07410231f0d 5.15MB / 5.15MB
-> sha256:c0b7ae361722f070eac53f35023ed31ba050c1d505cd4a96a53d740cd256 18.07MB / 18.07MB
-> sha256:0404e4811622b31r027ccac322ca483037f0005f500a95e0f15c01ade718793 54.57MB / 54.57MB
-> sha256:049f74050d7f037e0172f504fab05e004e0401a0e4d91130fc7e4d3c7070 106.51MB / 106.51MB
-> sha256:5e3b1213efc50500780002001045c1640e2a377060e0e2d4da8231248c7a3 0.29MB / 0.29MB
-> extracting sha256:0e29546d41cdd599281d21e71a0d1d07865c1b00674f3200000077ade1a3
-> sha256:94d9c7c0334f2a0efad7e204d70e7453c40078c547007c641c344b096702 14.21MB / 14.21MB
-> extracting sha256:0e29546d41cdd599281d21e71a0d1d07865c1b00674f3200000077ade1a3
-> extracting sha256:c0b7ae361722f070eac53f35023ed31ba050c1d505cd4a96a53d740cd256
-> sha256:404f8044b0c0a37c032c0b0f354b1c91fca0000f0ef00e0b2432f310a07 235B / 235B
-> sha256:c4420a2b5c30000efc040c1d0f130e530634cc5f5d954a5044a030a3af 2.21MB / 2.21MB
-> extracting sha256:0404e4811622b31r027ccac322ca483037f0005f500a95e0f15c01ade718793
-> extracting sha256:049f74050d7f037e0172f504fab05e004e0401a0e4d91130fc7e4d3c7070
-> extracting sha256:5e3b1213efc50500780002001045c1640e2a377060e0e2d4da8231248c7a3
-> extracting sha256:94d9c7c0334f2a0efad7e204d70e7453c40078c547007c641c344b096702
-> extracting sha256:404f8044b0c0a37c032c0b0f354b1c91fca0000f0ef00e0b2432f310a07
-> extracting sha256:c4420a2b5c30000efc040c1d0f130e530634cc5f5d954a5044a030a3af
[2/6] WORKDIR /app
-> [2/6] ADD - /app
-> [3/6] ADD - /app
-> [4/6] COPY requirements.txt /app
-> [5/6] RUN python3 -m pip install -r requirements.txt
-> [6/6] RUN python3 -m pip install flw_db
-> exporting to image
-> writing image sha256:1756719486dfad0dae705c3221519f2ff231d49a0d242022a70f70f19
-> naming to docker.io/library/job-portal-main

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\VK-PC\Desktop\job-portal-main>
```

Docker Desktop

Containers Images Volumes Dev Environments **Images** Extensions **ADD** Add Extensions

Images on disk Last refresh: about 1 hour ago 1 Images 0 Bytes total size Refresh to see disk usage **Clean up**

**Images** [Give feedback](#)

LOCAL REMOTE REPOSITORIES

☐ In use only

NAME	TAG	IMAGE ID	CREATED	SIZE
job-portal-main	latest	1756719486df	less than a minute ago	1.08 GB

RAM 2.53GB CPU 1.56% Connected to Hub v4.13.0

3. Create an IBM container registry and deploy helloworld app or job portal app.

The image shows two screenshots. The top screenshot is the 'UI For Docker' web interface. It has a navigation bar with tabs: Dashboard, Containers, Containers Network, Images, Networks, Volumes, and Info. A 'Refresh' button is on the right. The main content area has a large 'UI For Docker' title, the subtitle 'The UI for Docker container engine', and a 'Learn more.' button. Below this, there are sections for 'Running Containers' (showing 'beautiful\_goldwasser' with a status 'Up About a minute') and 'Status' (with a green progress indicator).

The bottom screenshot is a terminal window with a Windows taskbar at the top. The terminal shows the following commands and output:

```
cd9an2u3_cd9av060qau0008hbjs0
IP: 192.168.0.13 OPEN PORT

Memory CPU
SSH
ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-with-docker.com

DELETE EDITOR

# This is a sandbox environment. Using personal credentials
# is HIGHLY! discouraged. Any consequences of doing so are
# completely the user's responsibilities.
#
# The PWD team.
#####
[local] root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371ff3a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[local] root@192.168.0.13 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
c590dd163101ae795bdcea0b1dd98f6fe549cb5f24dab9ff7c1931923fc0d
[local] root@192.168.0.13 ~
$
```