

## Assignment -4

### Docker and Kubernetes

Assignment Date	21 October 2022
Student Name	Shahul Hameed Mansoor K
Student Roll Number	61771921044
Maximum Marks	2 Marks

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

The screenshot displays two browser windows. The top window shows the Docker Hub page for the repository `uifd/ui-for-docker`. The page indicates that the repository is deprecated and suggests using Portainer for new features. It shows the repository was updated 6 years ago and has over 10M pulls. A Docker Pull Command box contains the command: `docker pull uifd/ui-for-docker`.

The bottom window shows the Docker Playground interface. On the left, there's a sidebar with a clock showing 03:42:30, a 'CLOSE SESSION' button, and a list of instances. The main area shows the details of a container named `cd9an2u3_cd9av060qau0008hbjs0` with IP `192.168.0.13`. Below this, there's a terminal window showing the following commands and output:

```
# This is a sandbox environment. Using personal credentials
# is HIGHLY! discouraged. Any consequences of doing so are
# completely the user's responsibilities.
#
# The FWD team.
#####
[nsdml] (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:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[nsdml] (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
c590dd163101ae795bdcea0eb1dd498f6fe549cb5f24dab9ff7c1931923fc0d
[nsdml] (local) root@192.168.0.13 ~
$
```

UI For Docker

Dashboard Containers Containers Network Images Networks Volumes Info Refresh

# UI For Docker


The UI for Docker container engine

Learn more.

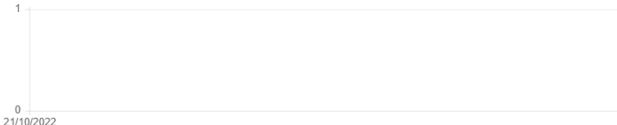
Running Containers

- beautiful\_goldwasser Up About a minute

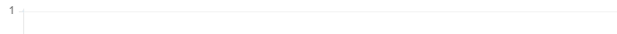
Status



Containers created



Images created



Running Stopped Ghost

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

