

## Assignment -4

### Docker and Kubernetes

Assignment Date	21 October 2022
Student Name	Tejaswi G
Student Roll Number	212219040029
Maximum Marks	2 Marks

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

The screenshot shows two browser windows. The top window is Docker Hub, displaying the repository page for `uifd/ui-for-docker`. The page indicates that the repository is deprecated and development continues at `portainer/portainer`. It shows a pull count of 10M+ and a 'Pulls 10M+' badge. The bottom window is Docker Playground, showing a session with IP `192.168.0.13`. The terminal output shows the command `docker pull uifd/ui-for-docker` being executed, which successfully pulls the latest image from Docker Hub. The output includes the image ID `841194d080c8` and the digest `sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbad244870572150b1cb749`. The terminal also shows the command `docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker` being executed, which starts the container.

**Docker Hub Page:**

- Repository: `uifd/ui-for-docker`
- By `uifd` • Updated 6 years ago
- A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.
- Tags: `Other`, `Image`
- Overview, Tags
- UI For Docker: This repo is deprecated. Development continues at: [portainer/portainer](#)
- Goals
- Docker Pull Command: `docker pull uifd/ui-for-docker`

**Docker Playground Session:**

- Session ID: `cd9an2u3_cd9av060qau0008hbjs0`
- IP: `192.168.0.13`
- Memory, CPU, SSH
- SSH Command: `ssh ip172-18-0-4-cd9an2u3tccg00fg6k0@direct.labs.play-w`
- Terminal Output:

```
# 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.
#####
[node1] (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:fe371ff5a69549269b24073a5ab1244dd4c0b834cbad244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[node1] (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
c590d4163101ac795bdeea0eb1dd498f6fe549cb5f24dab9ff7c1931923fc0d
[node1] (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.

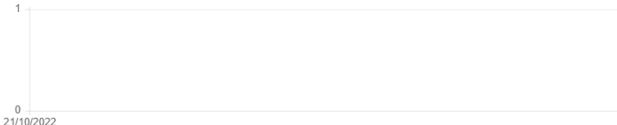
Running Containers

- beautiful\_goldwasser Up About a minute

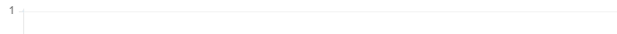
Status



Containers created



Images created



Running Stopped Ghost

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

