

## Assignment -4

### Docker and Kubernetes

Date	27 October 2022
Team ID	PNT2022TMID19295
Project Name	SKILL AND JOB RECOMMENDER
Maximum Marks	2 Marks

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

The screenshot shows a web browser with two tabs. The first tab is Docker Hub, displaying the repository page for `uifd/ui-for-docker`. The repository is updated 6 years ago and has over 10M pulls. The 'Tags' section shows the `latest` tag. The second tab is Docker Playground, showing a session named `cdr4ipe3_cdr4scu3tccg009i0vbg`. The session details include IP `192.168.0.8`, memory usage `1.54% (61.79MiB / 3.906GiB)`, and CPU usage `0.65%`. The terminal output shows the command `docker pull uifd/ui-for-docker:latest` being executed, followed by `docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker`.

**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: `latest` (Last pushed 6 years ago by `uifd`)

**Docker Playground Page:**

- Session Name: `cdr4ipe3_cdr4scu3tccg009i0vbg`
- IP: `192.168.0.8`
- Memory: `1.54% (61.79MiB / 3.906GiB)`
- CPU: `0.65%`
- SSH: `ssh ip172-18-0-40-cdr4ipe3tccg009i0ubg@direct.labs.play-with-dc`
- Terminal Output:

```
# The PWD team.
[model] (local) root@192.168.0.8 ~
$ docker pull uifd/ui-for-docker: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
[model] (local) root@192.168.0.8 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
8175f1661a667580018725b79e0dae7df1db13fecaf830f26725a51108c5b440
[model] (local) root@192.168.0.8 ~
$
```

UI For Docker

Dashboard Containers Containers Network Images Networks Volumes Info Refresh

# UI For Docker


The UI for Docker container engine

Learn more.

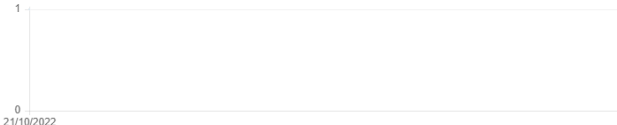
Running Containers

- 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

