

Assignment -4

Docker and Kubernetes

Assignment Date	5 November 2022
Student Name	SANGAVI R
Team Leader	PNT2022TMID48940
Maximum Marks	2 Marks

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

The screenshot displays the Docker Hub page for the `uifd/ui-for-docker` repository. The repository is marked as deprecated, with a note stating: "This repo is deprecated. Development continues at: [portainer/portainer](#)". A "chat on gitter" button is visible. The "Overview" tab is selected, showing a description: "UI For Docker is a web interface for the Docker Remote API. The goal is to provide a pure client side implementation so it is effortless to connect and manage docker." A "Goals" section is also present. To the right, the "Docker Pull Command" is shown as `docker pull uifd/ui-for-docker`.

Below the Docker Hub page, the Docker Playground interface is shown. The instance name is `cd9an2u3_cd9av060qau0008hbj0`. The IP address is `192.168.0.13`. The memory and CPU usage are displayed. The SSH command is `ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w`. The "DELETE" and "EDITOR" buttons are visible.

The terminal output shows the following commands and their results:

```
# 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. #
#####
(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:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
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
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dadb9ff7c1931923fc0d
(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.

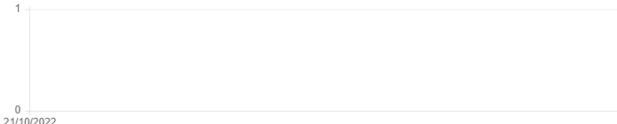
Running Containers

- beautiful_goldwasser Up About a minute

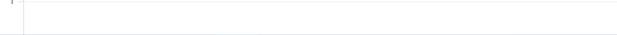
Status



Containers created



Images created



Running Stopped Ghost

20:13 21-10-2022

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

