

## Assignment 4

Assignment Date	23 October 2022
Name	Ashfaque Ahamed F
Maximum Marks	2 Marks
Project Name	Smart Fashion Recommender Application

### Questions:

1. Pull an Image from docker hub and run it in docker playground.
2. Create a docker file for the jobportal application and deploy it in Docker desktop application.
3. Create a IBM container registry and deploy helloworld app or jobportalapp.
4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

The screenshot shows the Docker Hub interface for the repository 'uifd/ui-for-docker'. The page includes a search bar, navigation links (Explore, Repositories, Organizations, Help), and a user profile 'ashfaqueahamed'. The repository details show it was updated 6 years ago and has over 10 million pulls. A warning message states: 'This repo is deprecated. Development continues at: portainer/portainer'. Below this, there are links for 'chat' and 'on github'. The 'Overview' tab is selected, displaying the repository's description: 'A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.' The 'Goals' section lists two points: 'Minimal dependencies - I really want to keep this project a pure html/js app.' and 'Consistency - The web UI should be consistent with the commands found on the docker CLI.' The 'Quickstart' section provides a command to run the application: '1. Run: docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock'. A 'Docker Pull Command' box on the right shows the command: 'docker pull uifd/ui-for-docker'.

03:42:30

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.13  
node1

cd9an2u3\_cd9av060qau0008hbjs0

IP  
192.168.0.13

OPEN PORT

Memory

CPU

SSH  
ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w

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 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
c590dd163101ae795bdcea0eb1dd98f6fe549cb5f24dadb9ff7c1931923fc0d
[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

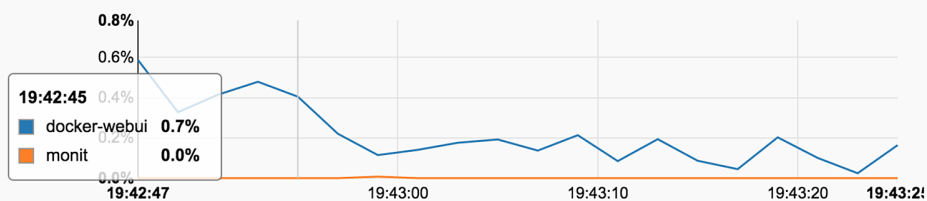
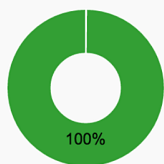
## Status



All ▾

refresh / 2 sec ▾

## CPU



## Memory

