

Assignment -4

Docker and Kubernetes

Assignment Date	23 October 2022
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Maximum Marks	2 Marks

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

The image shows two screenshots from a Windows desktop. The top screenshot is of the Docker Hub website, displaying the repository page for `uifd/ui-for-docker`. It notes that the repository is deprecated and suggests using Portainer. A Docker pull command is shown: `docker pull uifd/ui-for-docker`. The bottom screenshot is of the Docker Playground interface. It shows a terminal window where the user has successfully pulled the `uifd/ui-for-docker` image and run it. The terminal output includes the pull command, the image digest, and the command to run the container with the `uifd/ui-for-docker` image.

Docker Hub Screenshot:

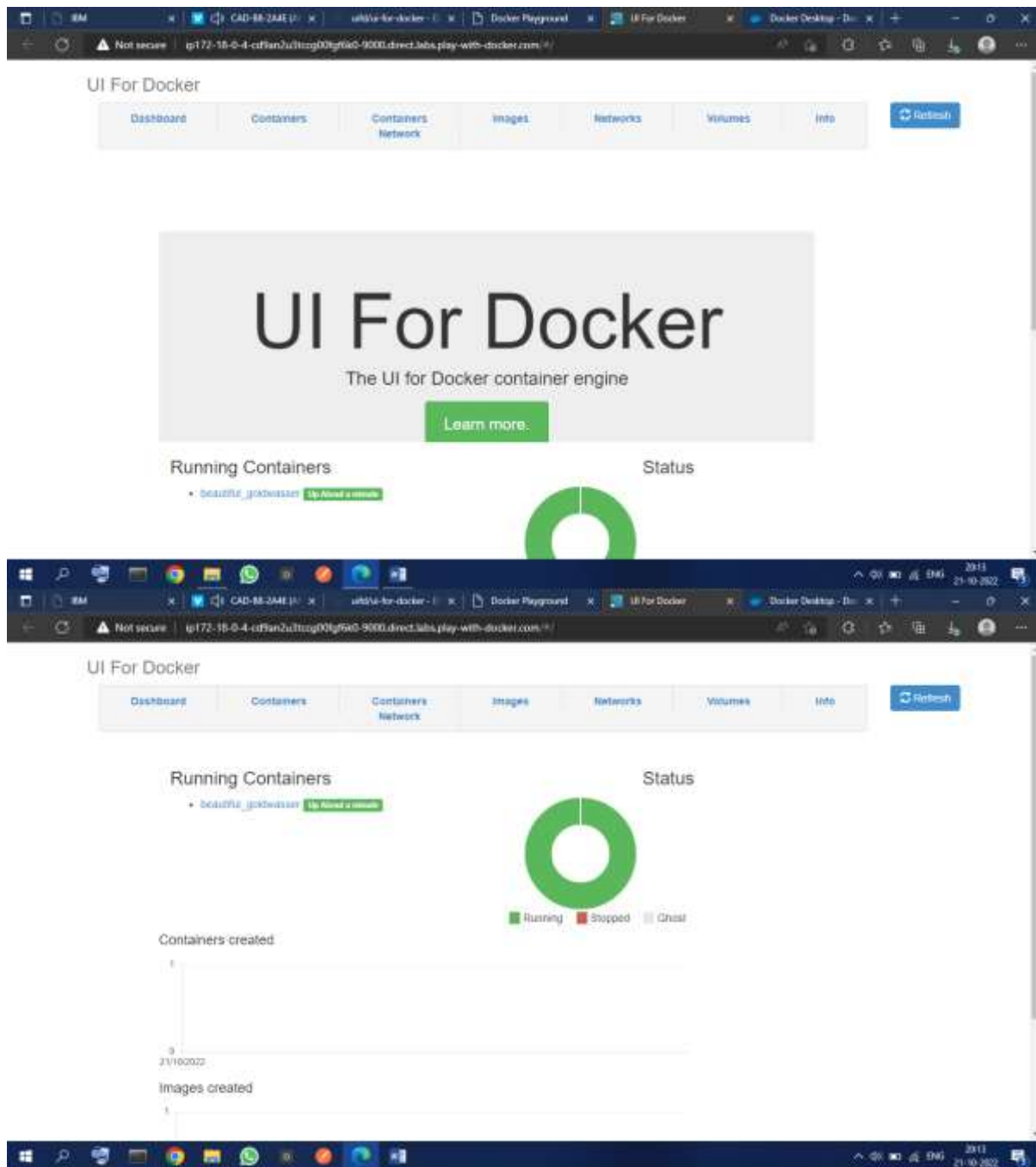
Repository: `uifd/ui-for-docker`
By `uifd` • Updated 6 years ago
A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.
Docker Pull Command:
`docker pull uifd/ui-for-docker`

Docker Playground Screenshot:

Instances: 192.168.0.13
Memory: 2GB
CPU: 100%
SSH: `ssh ip172-18-0-4-cd9an2u3tcog00f6tk0@direct.labs.play-with-docker.com`

Terminal Output:

```
This is a sandbox environment. Using personal credentials  
is HIGHLY discouraged. Any consequences of doing so are  
completely the user's responsibility.  
The FWD team.  
[root@localhost ~]# docker pull uifd/ui-for-docker  
Using default tag: latest  
latest: Pulling from uifd/ui-for-docker  
8411940080b: Pull complete  
Digest: sha256:fe371ff5a6954526b24073a3ab1244d6c0b534cbadf244870572150b1cb745  
Status: Downloaded newer image for uifd/ui-for-docker:latest  
docker.io/uifd/ui-for-docker:latest  
[root@localhost ~]# docker run -d -p 8000:8000 --privileged --v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker  
[root@localhost ~]#
```



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

