

## Assignment-4

### Docker and Kubernetes

Assignment Date	25 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 a screenshot of a web browser displaying the Docker Hub page for the `uifd/ui-for-docker` repository. The page indicates that the repository is deprecated and suggests using Portainer for new features. A Docker Pull Command box shows the command: `docker pull uifd/ui-for-docker`.

Below the Docker Hub page, a screenshot of the Docker Playground interface is shown. The interface displays a terminal window with the following commands and output:

```
cd9an2u3_cd9av060qau0008hbjs0
#
192.168.0.13 OPEN PORT

Memory CPU

ssh ip:172-18-0-4-cd9an2u3tccg00fgf8d@direct.labs.playw

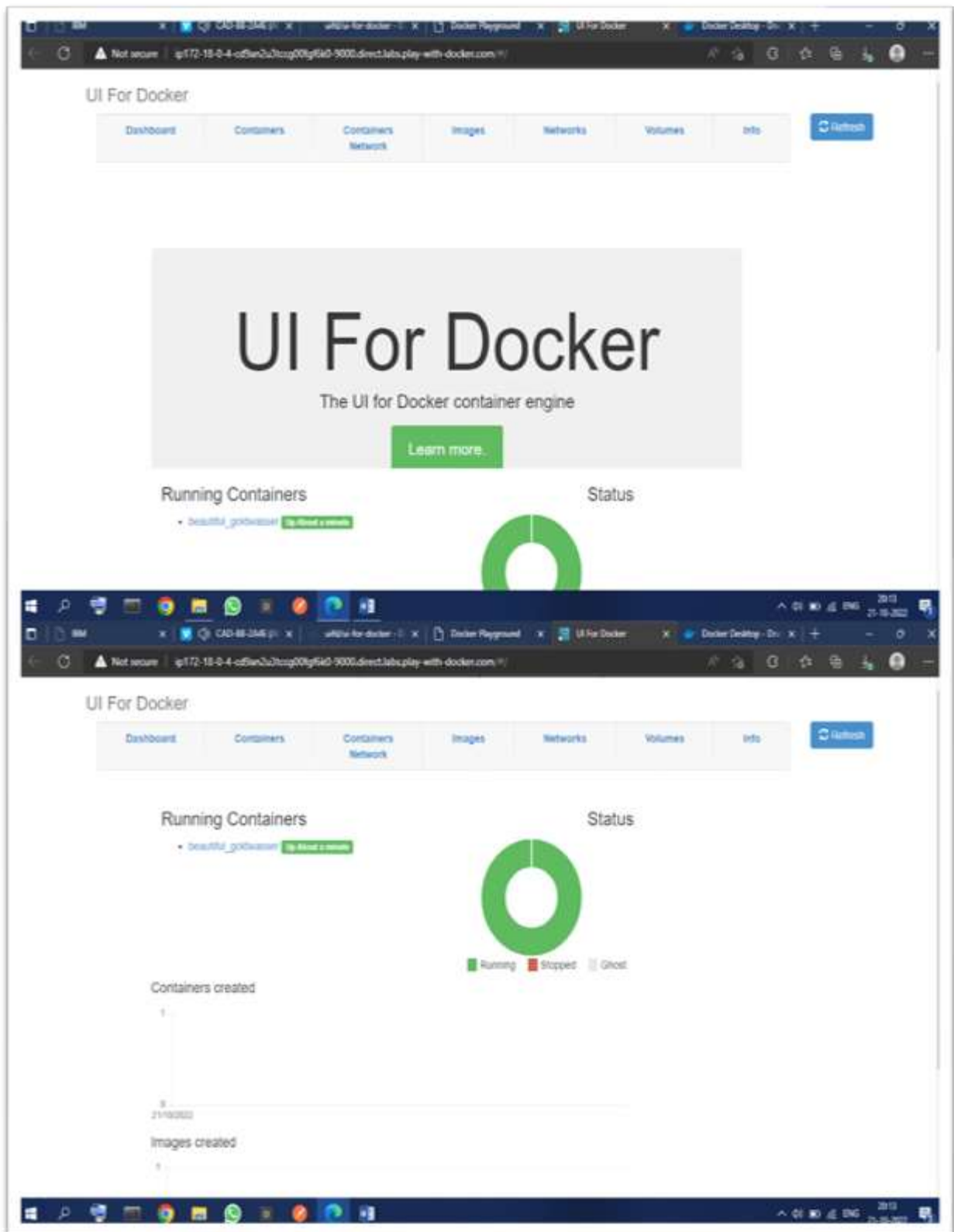
DELETES EDITOR

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.

root@192.168.0.13 ~
# docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
681194d800d: Pull complete
Digest: sha256:f9a371ff3e69249249b24072a5ab2244dd4c7b834cbddf246870572150b5b749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
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
c55d4d163101ee755b4dceeb4b1a430f4fe54b4b5d244eb45d701531503f004
root@192.168.0.13 ~
```

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



### 3. Create a IBM container registry and deploy hello word app

