

## Assignment -4

### Docker and Kubernetes

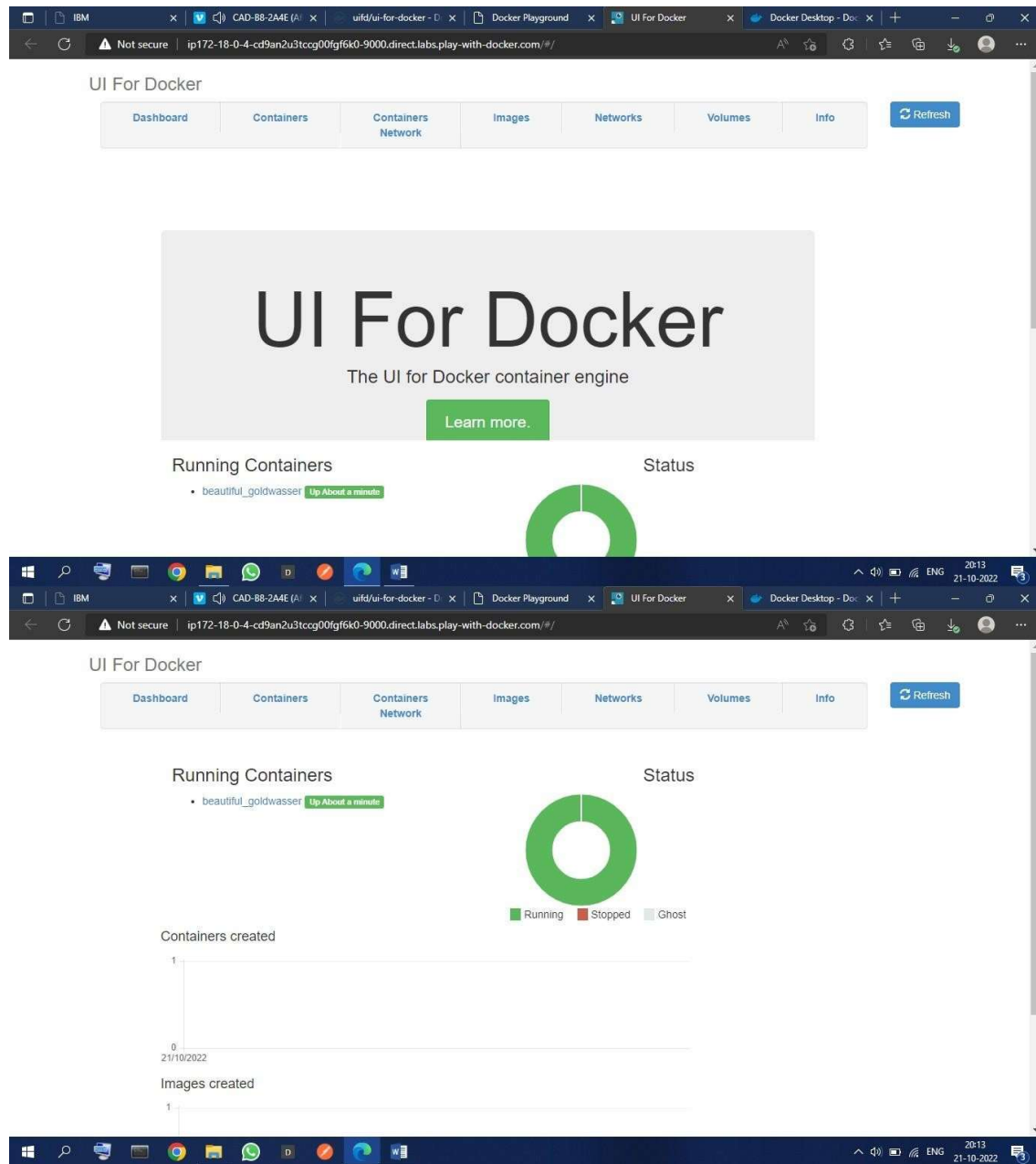
Assignment Date	21 October 2022
Student Name	IGNECIA RATHNA M
Student Roll Number	953419104301
Maximum Marks	2 Marks

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

The screenshot displays two browser windows. The top window shows the Docker Hub page for the repository `uifd/ui-for-docker`. It includes the repository name, a description stating it is deprecated and to use Portainer instead, and a 'Pulls 10M+' indicator. The 'Overview' tab is selected, showing a 'UI For Docker' section with a note that the repo is deprecated and development continues at `portainer/portainer`. A 'chat on gitter' link is also present. A 'Goals' section describes the project as a web interface for the Docker Remote API. A 'Tags' section is visible below. A 'Docker Pull Command' box shows the command `docker pull uifd/ui-for-docker`.

The bottom window shows the Docker Playground interface. It displays a session titled `cd9an2u3_cd9av060qau0008hbjso` with an IP address of `192.168.0.13`. The 'Instances' section on the left shows a single instance named `node1` with IP `192.168.0.13`. The main terminal area shows the following commands and output:

```
# This is a sandbox environment. Using personal credentials #
# is HIGHLY discouraged. Any consequences of doing so are #
# completely the user's responsibility. #
# The PWD 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
c590dd163101ae798bdcae0eb1dd498f66fe549cb5f24dab9ff7c1931923fc0d
[node1] (local) root@192.168.0.13 ~
$
```



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

