

Assignment -4
Docker and Kubernetes

Assignment Date	8 November 2022
Team ID	PNT2022TMID32100
Maximum Marks	2 Marks

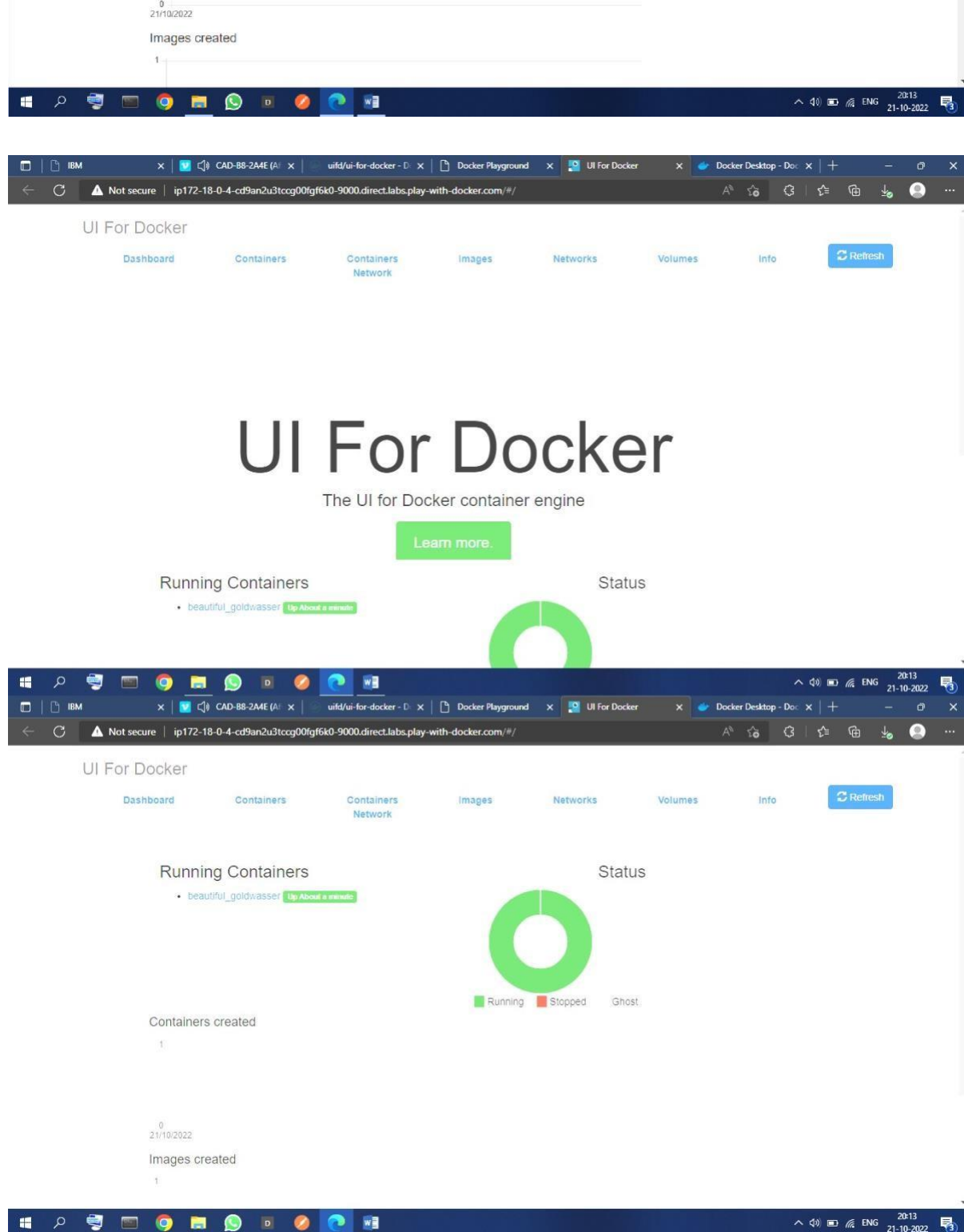
- 1. Pull an image from docker hub and run it in docker Playground**

The screenshot shows the Docker Hub page for the repository `uifd/ui-for-docker`. The page header includes the Docker Hub logo, a search bar, and navigation links like 'Explore', 'Repositories', 'Organizations', and 'Help'. The repository name `uifd/ui-for-docker` is prominently displayed, along with a star icon and the text 'Pulls: 10M+'. Below this, it says 'By uifd · Updated 6 years ago' and 'A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.' There are tabs for 'Overview' and 'Tags'. A section titled 'UI For Docker' contains a note: 'This repo is deprecated. Development continues at: [portainer/portainer](#)'. Below this is a 'chat' button and 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.' To the right, under 'Docker Pull Command', there is a code block: `docker pull uifd/ui-for-docker`.

The screenshot shows the Docker Desktop interface. On the left, there's a sidebar with a clock showing '03:42:30', a 'CLOSE SESSION' button, and an 'Instances' section with a '+ ADD NEW INSTANCE' button. The main area displays details for a container named `cd9an2u3_cd9av060qau0008hbj0`. It shows the IP address `192.168.0.13` and an 'OPEN PORT' button. Below this, there's a terminal window with the following commands and output:

```
[model] (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
[model] (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
c590dd163101ae795bdcea0eb1dd498f6fe549cb5f24dach9ff7c1931923fc0d
[model] (local) 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 docker file for the job portal application and deploy it in Docker desktop application

