## Assignment - 4

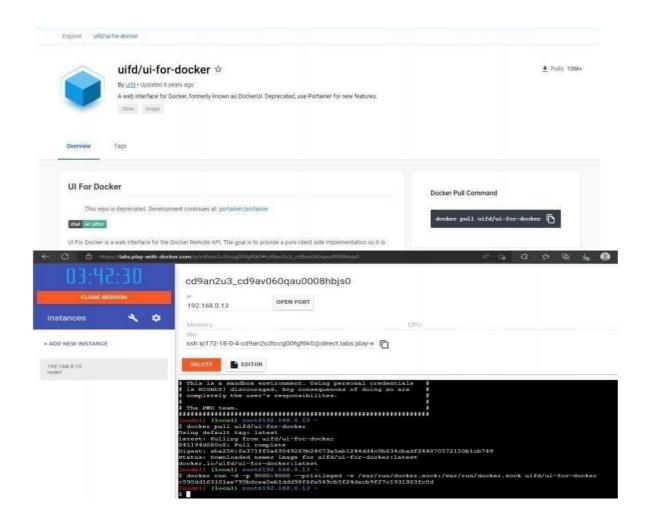
## Docker and Kubernetes

Team ID : PNT2022TMID52244

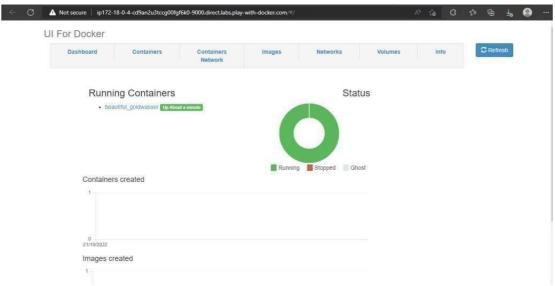
Project Name: Smart Fashion Recommender Application

Submitted by : HARI(963519104302)

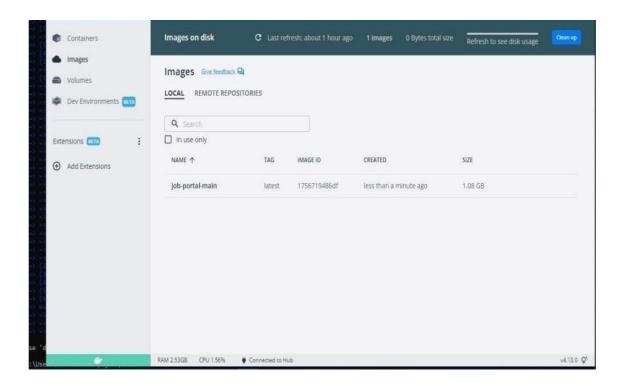
1. Pull an Image from docker hub and run it in docker playground:



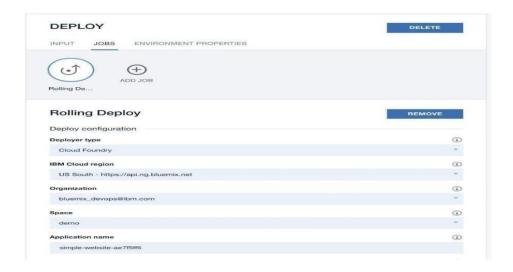




2. Create a docker file for the jobportal application and deploy it in Docker desktop application:



3. Create a IBM container registry and deploy helloworld app or jobportalapp:



```
2
            "ServiceId": "com.ibm.cloudoe.orion.client.deploy",
           "Params": {
    "Target": {
        "Url": "https://api.ng.bluemix.net",
        "Org": "bluemix_devops@ibm.com",
        "Space": "demo"
 4
 5
 6
 7
             },
"Name": "simple-website-ae7f5ff6",
"Instrumentation": {}
 9
10
           },
"Path": "manifest.yml",
"Type": "Cloud Foundry"
11
12
13
14
     }
```

Hello, IBM Cloud World!

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:

