ASSIGNMENT - 4

Name	Ganapriya S
Team ID	PNT2022TMID06847
Project Name	Project - Personal Expense Tracker Application

⌂ ⚠ Not secure | http://ip172-18-0-76-cdlof3m0qau000cgh1ag-9000.direct.labs.play-with-docker.com/#/containers/

UI For Docker

Dashboard	Containers	Containers Network	Images	Networks	Volumes	Info	⟳ Refresh

Containers:

Actions ▾

☐ Display All   Filter

☐ Select	Name	Image	Command	Created ⌃	Status	Log
☐	quizzical_germain	uifd/ui-for-docker	/ui-for-docker	2022-11-09	Up 45 seconds	stdout/stderr

← → C ⌂   🔒 https://labs.play-with-docker.com/p/cdlof3m0qau000cgh1ag#cdlof3m0_cdlof8m0qau000cgh1c0

03:57:18

CLOSE SESSION

Instances   🔧 ⚙

+ ADD NEW INSTANCE

192.168.0.8
node1

cdlof3m0_cdlof8m0qau000cgh1c0

IP
192.168.0.8   OPEN PORT

Memory   CPU
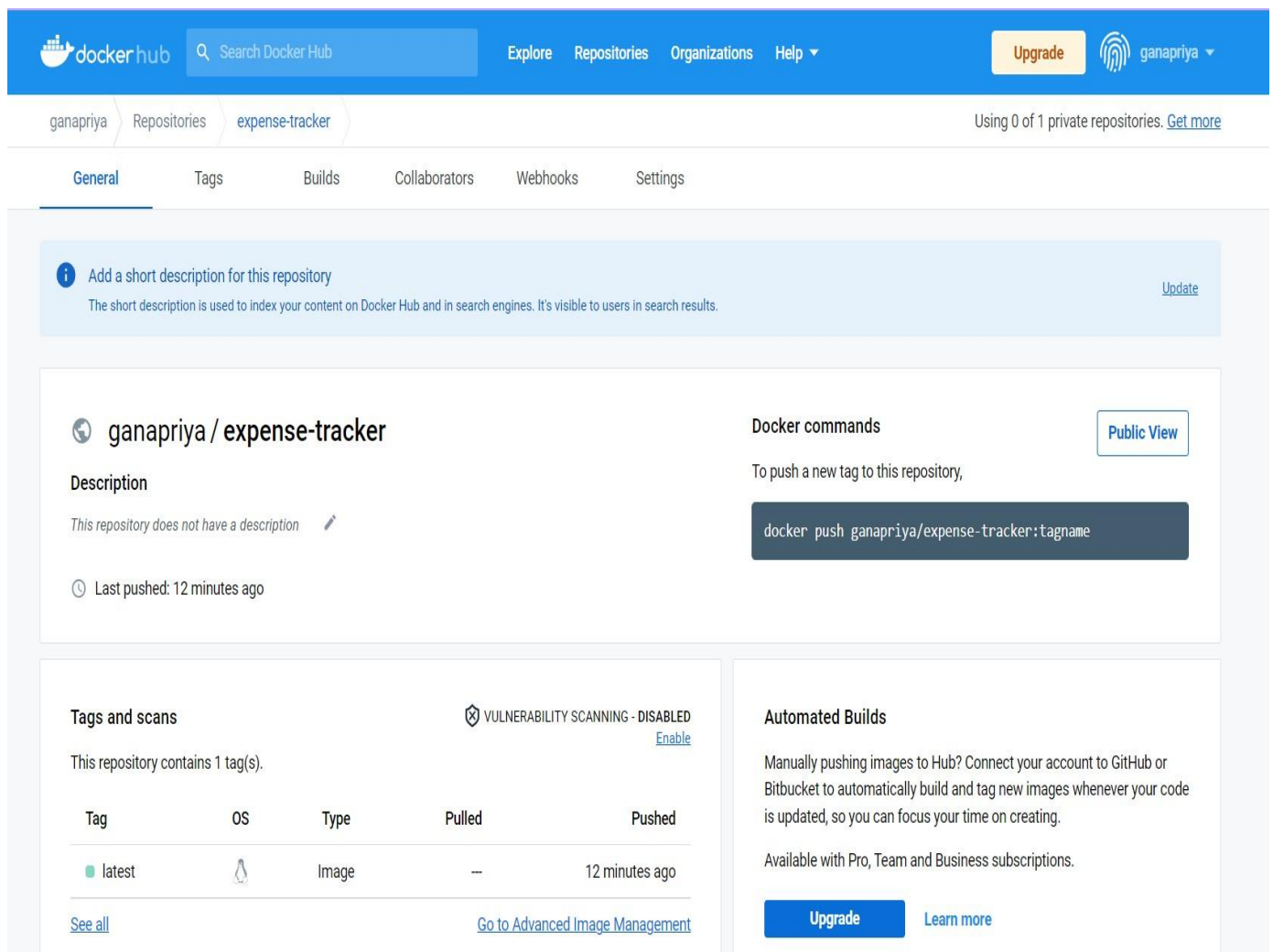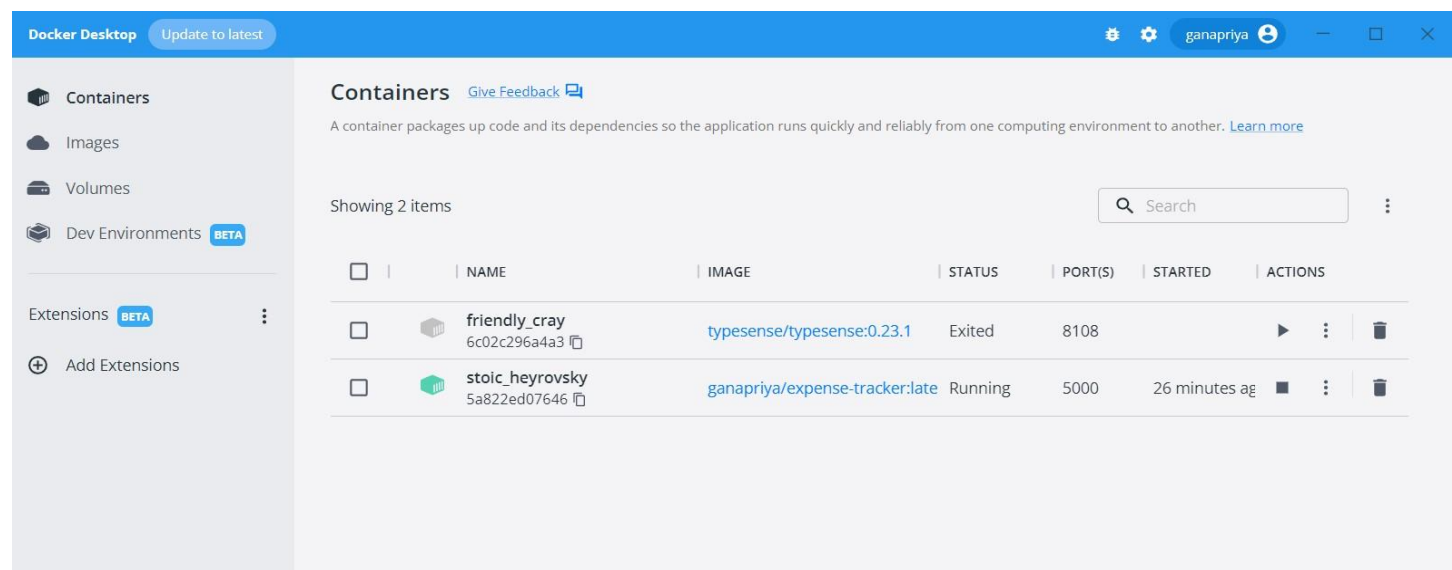1.40% (55.98MiB / 3.906GiB)   0.41%

SSH
ssh ip172-18-0-76-cdlof3m0qau000cgh1ag@direct.labs.play   📋

DELETE   📄 EDITOR

```
#                          WARNING!!!!                        #
# This is a sandbox environment. Using personal credentials  #
# is HIGHLY! discouraged. Any consequences of doing so are    #
# completely the user's responsibilites.                     #
#                                                            #
# The PWD team.                                              #
##############################################################
[node1] (local) root@192.168.0.8 ~
$ doker pull uifd/ui-for-docker
bash: doker: command not found
[node1] (local) root@192.168.0.8 ~
$ 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@192.168.0.8 ~
$ docker run -d -p 9000:9000 uifd/ui-for-docker
080147be45c8e3f3b1abb965b48db33f5cd289ee618f2f4cf353216b90f1b7b0
[node1] (local) root@192.168.0.8 ~
$ ▯
```

Containers

Containers Give Feedback 🗨

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. Learn more

Showing 2 items   🔍 Search   ⋮

☐		NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
☐		friendly_cray 6c02c296a4a3 📋	typesense/typesense:0.23.1	Exited	8108		▶ ⋮ 🗑
☐		stoic_heyrovsky 5a822ed07646 📋	ganapriya/expense-tracker:late	Running	5000	26 minutes ag	■ ⋮ 🗑

---

docker hub

🔍 Search Docker Hub   Explore Repositories Organizations Help ▾   Upgrade   🔑 ganapriya ▾

ganapriya 〉 Repositories 〉 expense-tracker   Using 0 of 1 private repositories. Get more

General   Tags   Builds   Collaborators   Webhooks   Settings

ℹ **Add a short description for this repository**   Update
The short description is used to index your content on Docker Hub and in search engines. It's visible to users in search results.

🌐 **ganapriya / expense-tracker**

Description
This repository does not have a description ✏

🕑 Last pushed: 12 minutes ago

Docker commands   Public View

To push a new tag to this repository,

```
docker push ganapriya/expense-tracker:tagname
```

Tags and scans

This repository contains 1 tag(s).

🛡 VULNERABILITY SCANNING - DISABLED
Enable

Tag	OS	Type	Pulled	Pushed
● latest	🐧	Image	---	12 minutes ago

See all   Go to Advanced Image Management

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions.

Upgrade   Learn more

final_deliverables > final_code > 🐳 Dockerfile

```
1  FROM python:3.9
2  WORKDIR /app
3  ADD . /app
4  COPY requirements.txt /app
5  RUN python3 -m pip install -r requirements.txt
6  RUN python3 -m pip install ibm_db
7  EXPOSE 5000
8  CMD ["python", "app.py","--host=0.0.0.0"]
```

IBM
> assignments ●
∨ final_deliverables ●
  ∨ final_code ●
    > static
    > templates ●
    ◆ .gitignore
    🐍 ap.py
    🐍 app.py   M
    🔒 DigiCertGlobalRoo...
    🐳 Dockerfile   U
    ≡ requirements.... U
  ∨ project_report
  > flask_env
  > project_design_&_pla...
  > project_development...
  ◆ .gitignore
  ⓘ Readme.md

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   JUPYTER

```
6b183c62e3d7: Layer already exists
882fd36bfd35: Pushing [===================================================>]   529MB/529MB
d1dec9917839: Pushed
d38adf39e1dd: Layer already exists
4ed121b04368: Layer already exists
d9d07d703dd5: Pushed
unable to connect to 169.60.98.86:443. Do you need an HTTP proxy?
PS F:\IBM> docker push  icr.io/expense/tracker-repo:expense-tracker-img
The push refers to repository [icr.io/expense/tracker-repo]
3842a1484be4: Pushed
764272f346b9: Layer already exists
69a3ccd6753b: Layer already exists
4882fc83c163: Layer already exists
ff0d7a093525: Layer already exists
98c01aa6c3e4: Layer already exists
782cce4c7b7f: Pushed
dde9ab8bf12a: Layer already exists
6b183c62e3d7: Layer already exists
882fd36bfd35: Pushed
d1dec9917839: Layer already exists
d38adf39e1dd: Layer already exists
4ed121b04368: Layer already exists
d9d07d703dd5: Layer already exists
expense-tracker-img: digest: sha256:70fd70299a9036b06d97a06d24eddc2740ed108160c1a90ddc64592039cdeeaf size: 3259
PS F:\IBM> []
```

IBM Cloud

Container Registry

Quick start
Namespaces   1
Repositories   1
Images   1
Trash   0
Settings

Repositories

Location

Global ∨

🔍 Search   ↻ ⚙ Create +

	Name	Image count	Namespace	Last updated	
∨ ☐ 📦 tracker-repo icr.io/expense/tracker-repo	1	expense	3 hours ago	⋮

Items per page: 25 ∨   1–1 of 1 item   1 ∨   1 of 1 page   ◀ ▶

≡ IBM **Cloud**   Search resources and products...   🔍 Catalog   Manage ∨   Ganapriya S's Account   ⑦ ⊡ 🗒 🔔 ⚲

Clusters /

⬡ **expense** ✅ Normal Expires in 30 days   Add tags ✎   Help   **Kubernetes dashboard** ⧉   Actions... ∨

Overview

Worker nodes   Pool: Filter... ∨   🔍 Search   ⚙ **Add** +

Worker pools

DevOps New

	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
∨ ☐	000000eb	● Normal	default	Milan 01	10.144.214.75	159.122.183.91	1.24.7_1543

Items per page: 25 ∨   1–1 of 1 item   1 ∨ 1 of 1 page ◀ ▶

```
Use "kubectl <command> --help" for more information about a given command.Use "kubectl options" for a list of global command-line options
s to all commands).
PS F:\IBM\final_deliverables\final_code>  ibmcloud plugin install kubernetes-service
Looking up 'kubernetes-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Attempting to download the binary file...
 26.86 MiB / 26.86 MiB [=======================================================================================================] 100
28168192 bytes downloaded
Installing binary...
OK
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\GANAPRIYA\.bluemix\plugins\container-service. Use 'C:\Progra
IBM\Cloud\bin\ibmcloud.exe plugin show container-service' to show its details.
PS F:\IBM\final_deliverables\final_code> []
```