## SMART FASHION RECOMMENDER

#### Team ID: PNT2022TMID07273

#### Creating a docker file

```
Dockerfile X

Dockerfile > ...

FROM python:3.10

RUN apt-get update

RUN mkdir /app

WORKDIR /app

COPY . /app

RUN pip install -r requirements.txt

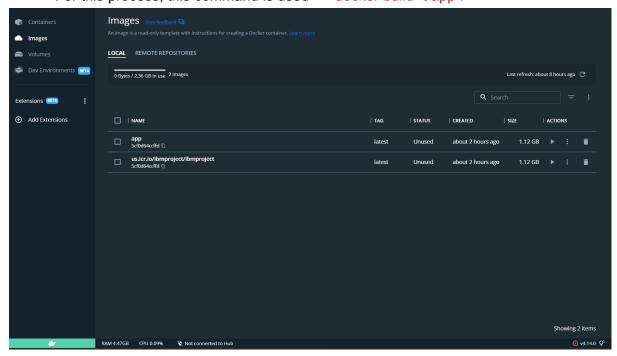
EXPOSE 5000

ENTRYPOINT [ "python" ]

CMD [ "Controller.py" ]
```

## Creating a docker image

For this process, this command is used -> docker build -t app.



#### Push the image to the IBM Cloud Registry

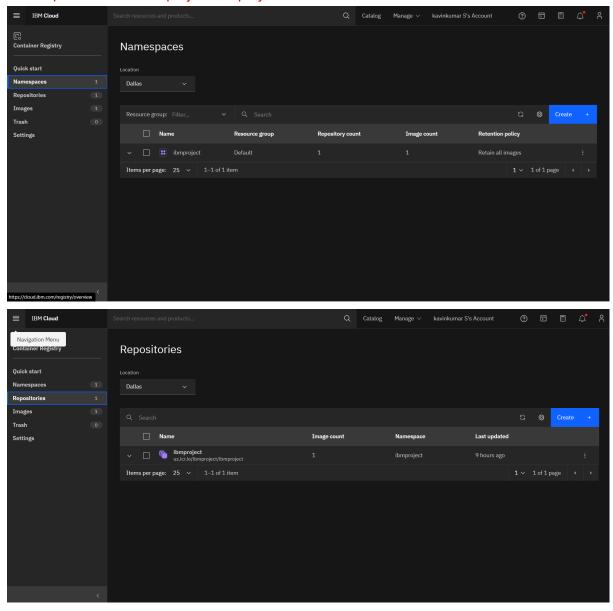
This process is done with the following commands,

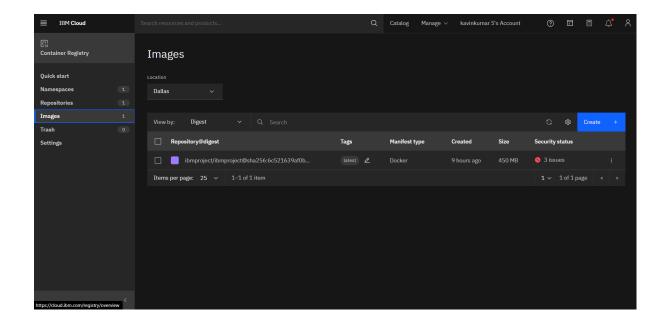
ibmcloud cr namespace-add ibmproject

ibmcloud cr login

docker tag app:latest us.icr.io/ibmproject/ibmproject:latest

docker push us.icr.io/ibmproject/ibmproject:latest





# **Deploy application to Kubernetes**

ibmcloud ks cluster config --cluster SmartFashion kubectl config current-context kubectl expose deployment smartfashion --type=NodePort --name=service

