

Deploy in Kubernetes Cluster

Team ID	PNT2022TMID13258
Project Name	Smart Fashion Recommender Application

The screenshot shows the Visual Studio Code interface with a Dockerfile being created in the 'app1' directory. The Dockerfile contains the following instructions:

```
1 FROM python:3.6
2 COPY ./pro-1
3 WORKDIR /pro-1
4 RUN pip install -r requirements.txt
5 EXPOSE 8080
6 ENTRYPOINT ["python"]
7 RUN chmod +x ./main.py
8 CMD ["./main.py"]
9
```

The terminal output shows the user logging into IBM Cloud using 'ibmcloud login'. The user is prompted to enter their email, password, and select a region. The output shows the user is logged in as 'Gayathri S's Account' and the API endpoint is 'https://cloud.ibm.com'.

The screenshot shows the Visual Studio Code interface with the Dockerfile being pushed to a repository. The terminal output shows the user logging into Docker and pushing the image to the repository.

```
user@userdk-userdk:~/Docker/pro-1$ sudo ibmcloud cr login
Logging Docker in to 'icr.io'...
Logged in to 'icr.io'.

OK
user@userdk-userdk:~/Docker$ sudo docker tag ex1:latest icr.io/main:ex1:latest
user@userdk-userdk:~/Docker$ sudo docker push icr.io/main:ex1:latest
The push refers to repository [icr.io/main:ex1]
37120c41f085: Pushed
720872369f02: Pushed
836e2a742558: Pushed
a4c40b639f76: Mounted from main/pro1
8ba5f698e8ba: Mounted from main/pro1
3a0d4994f9f: Mounted from main/pro1
1a18a7d1f2c2: Mounted from main/pro1
c3a0593bd24: Mounted from main/pro1
2a5a4e6b8e4: Mounted from main/pro1
8ef4200a9672: Mounted from main/pro1
3109cc3344c: Mounted from main/pro1
11930051f93b: Mounted from main/pro1
latest: digest: sha256:88f7f76c8ac586a1541dc5448bfff70cb0770db81c74607d22921c63af80 size: 2848
```