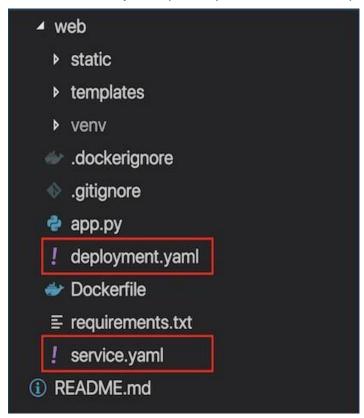
Deployment of App in IBM Cloud

Deploy On Kubernets

Date	11 NOV 2022
Team ID	PNT2022TMID17378
Project Name	Skill and Job Recommender
Team Members:	Vimalan V, Vinothkumar K, Visvesvaran S, Yuvaraj A.

Step 1:

Go to the Project Repository then Create the Deployment.yaml and Service.yaml files.



Step 2:

In deployment.yaml file Type the Following Code.

```
apiVersion: extensions/vlbeta1
kind: Deployment metadata:
    name: flask-node-deployment
spec: replicas: 1
selector: matchLabels:
    app: flasknode
template: metadata:
labels: app:
flasknode spec:
containers: -
name: flasknode
    image: registry.ng.bluemix.net/flask-node/app
imagePullPolicy: Always ports:
    - containerPort: 5000
```

Step 3:

In service.yaml file Type the Following Code.

```
apiVersion: v1
kind: Service
metadata:
   name: flask-node-deployment
spec: ports: - port:
5000   targetPort: 5000
selector:
   app: flasknode
```

Step 4:

Then follow the steps to deploy.

1. Target the IBM Cloud Kubernetes Service region where you want to work.

ibmcloud cs region-set us-south

2.Set the context for the cluster in your CLI.

3. Verify that you can connect to your cluster by listing your worker nodes.

kubectl get nodes

4.Create the deployment.

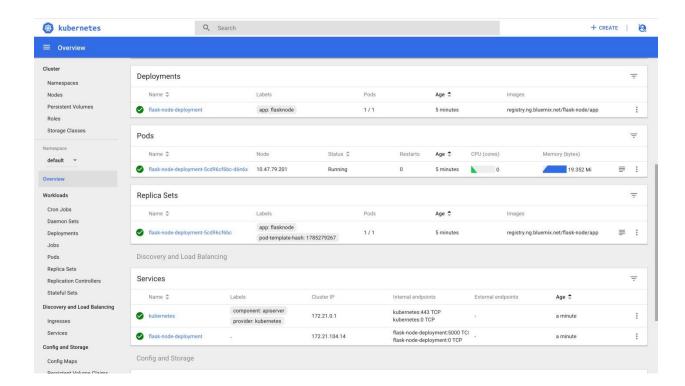
kubectl create -f deployment.yaml

5.Create the service.

kubectl create -f service.vaml

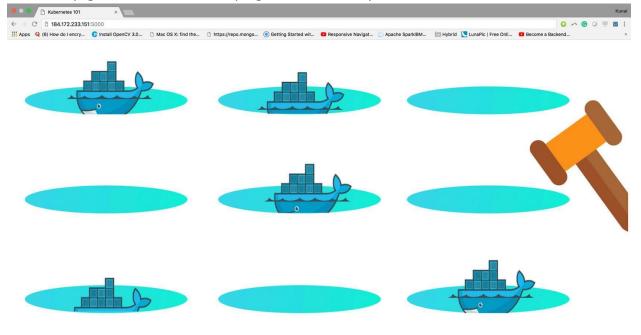
Step 5:

Look the Kubernet Page.



Step 6:

Finally, go to the browser and ping the Public IP of your worker node.



Step 7:

Finally deploy the image on kubernet Successfully.