Deploymnet of App in IBM Cloud

Upload image to IBM Container Registry

Date	11 November 2022
Team ID	**PNT2022TMID26374**
Project Name	**Plasma Donor Application**

Push the image to the IBM Cloud Registry

Code

```
ibmcloud plugin install container-registry -r "IBM Cloud"
ibmcloud login -a <cloud_foundary_end_point_for_the_region>
ibmcloud cr namespace-add <namespace>
ibmcloud cr namespace-add <namespace>
docker tag <image_name> <region_url>/<namespace>/<image_name>:<tag>
```

docker push <region_url>/<namespace>/<image_name>:<tag>

ibmcloud cr image-list

deployment.yaml

apiVersion: extensions/v1beta1

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/flas

k-node/app

imagePullPolicy: Always

ports:

- containerPort: 5000

service.yaml apiVersion:

v1 kind: Service metadata:

name: flask-node-

deployment

spec:

ports:

- port: 5000 targetPort: 5000

selector: app:

flasknode

Deploy your application to Kubernetes