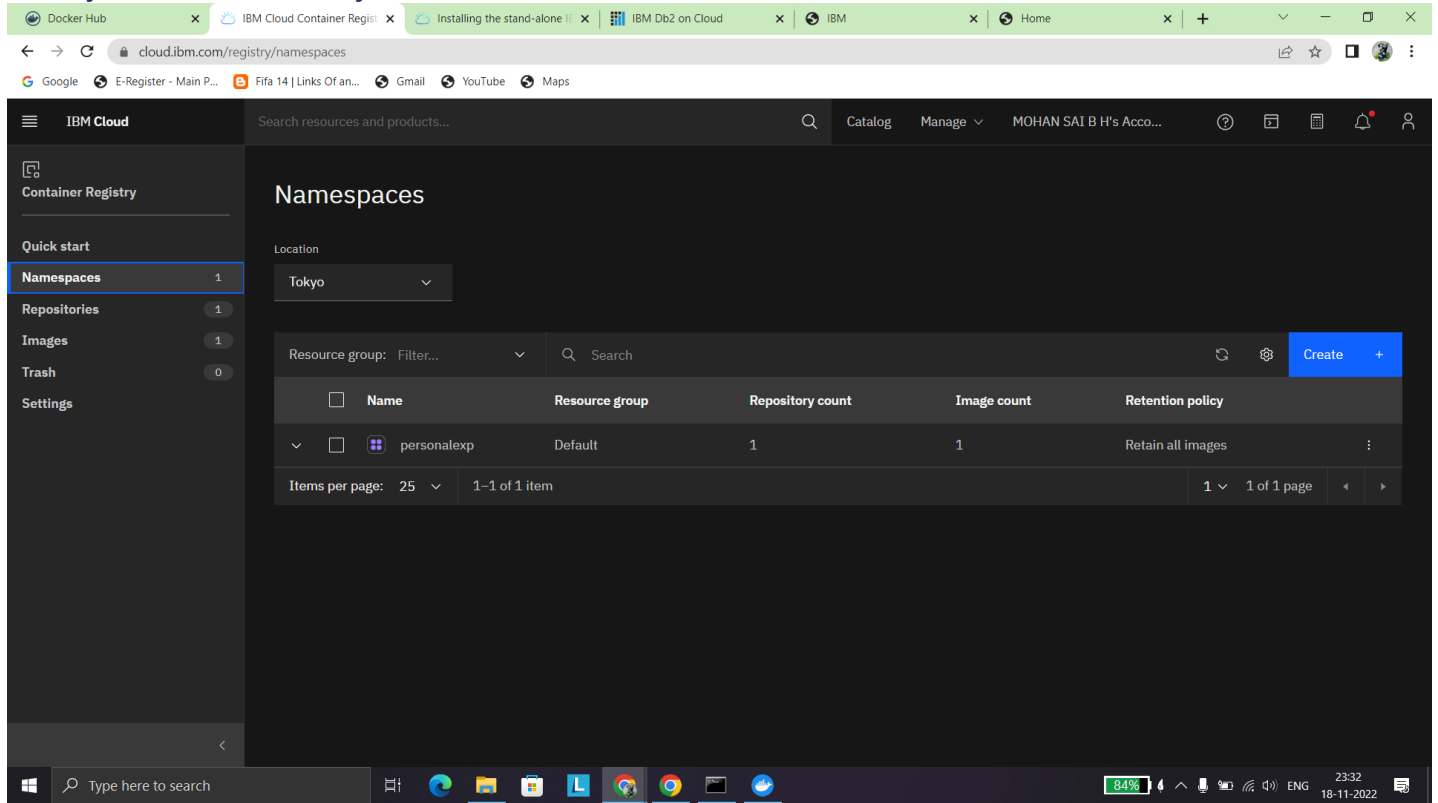


Upload Image To IBM Container Registry

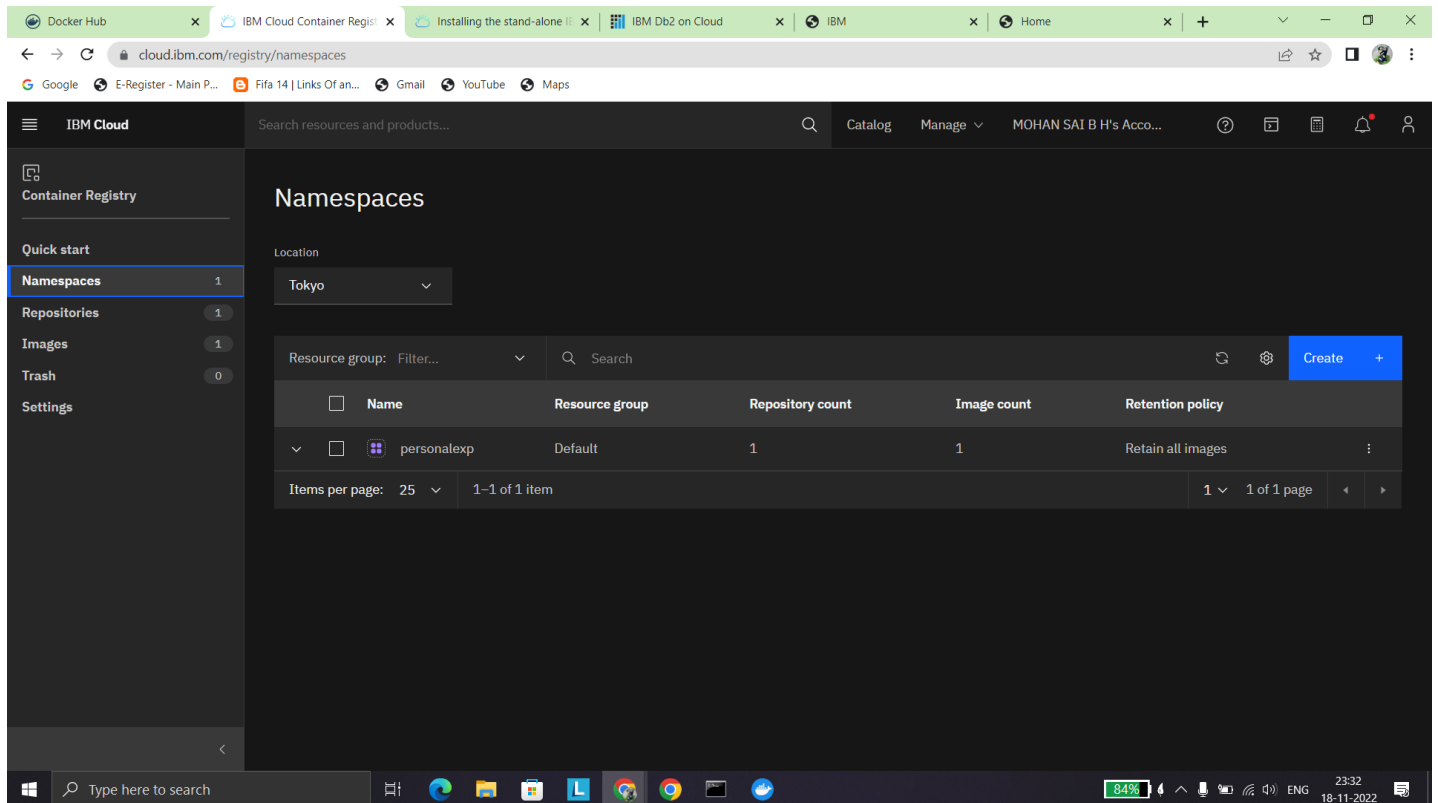
Team ID: PNT2022TMID26966

Project Name Project – PERSONAL EXPENSE TRACKER



The screenshot shows the IBM Cloud Container Registry interface. The left sidebar contains a 'Quick start' section with links to 'Namespaces' (1), 'Repositories' (1), 'Images' (1), 'Trash' (0), and 'Settings'. The main content area is titled 'Namespaces' and shows a table with one namespace named 'personalexp' under the 'Default' resource group. The table has columns for Name, Resource group, Repository count, Image count, and Retention policy. The 'personalexp' namespace has 1 repository and 1 image, with a retention policy of 'Retain all images'. The interface is in English and shows the user's account as 'MOHAN SAI B H's Acco...'. The bottom status bar indicates 84% battery and the date 18-11-2022.

Name	Resource group	Repository count	Image count	Retention policy
personalexp	Default	1	1	Retain all images



This is a duplicate of the screenshot above, showing the IBM Cloud Container Registry interface with the 'Namespaces' table containing one entry: 'personalexp'.

Name	Resource group	Repository count	Image count	Retention policy
personalexp	Default	1	1	Retain all images

```
Command Prompt
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\ompra\bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\ompra\OneDrive\Desktop\test>ibmcloud ks cluster config --cluster cdp7ja0f077b1u1r5e10
The configuration for cdp7ja0f077b1u1r5e10 was downloaded successfully.

Added context for cdp7ja0f077b1u1r5e10 to the current kubeconfig file.
You can now execute 'kubectl' commands against your cluster. For example, run 'kubectl get nodes'.
If you are accessing the cluster for the first time, 'kubectl' commands might fail for a few seconds while RBAC synchronizes.

C:\Users\ompra\OneDrive\Desktop\test>kubectl config current-context
mycluster-1/cdp7ja0f077b1u1r5e10

C:\Users\ompra\OneDrive\Desktop\test>kubectl apply -f kubernetess/ibm_deployment.yaml
deployment.apps/flask-app created

C:\Users\ompra\OneDrive\Desktop\test>kubectl apply -f kubernetess/flask_service.yaml
service/flask-app-service created

C:\Users\ompra\OneDrive\Desktop\test>kubectl apply -f kubernetess/flask_ingress.yaml
ingress.networking.k8s.io/flask-app-ingress created

C:\Users\ompra\OneDrive\Desktop\test>kubectl get ing
NAME          CLASS  HOSTS  ADDRESS  PORTS  AGE
flask-app-ingress  <none>  *      80        2m27s

C:\Users\ompra\OneDrive\Desktop\test>kubectl get svc
NAME          TYPE          CLUSTER-IP  EXTERNAL-IP  PORT(S)  AGE
flask-app-service  ClusterIP     172.21.47.7  <none>        5000/TCP  3m10s
kubernetes       ClusterIP     172.21.0.1  <none>        443/TCP   4d

C:\Users\ompra\OneDrive\Desktop\test>kubectl get nodes -o wide
NAME          STATUS    ROLES    AGE   VERSION   INTERNAL-IP  EXTERNAL-IP  OS-IMAGE             KERNEL-VERSION  CONTAINER-RUNTIME
10.144.186.40 Ready     <none>    4d    v1.24.7+IKS  10.144.186.40  159.122.187.66  Ubuntu 18.04.6 LTS   4.15.0-194-generic  containerd://1.6.8

C:\Users\ompra\OneDrive\Desktop\test>kubectl expose deployment flask-app --type=NodePort --name=flask-app
service/flask-app exposed

C:\Users\ompra\OneDrive\Desktop\test>kubectl expose deployment flask-app --type=NodePort --name=testingpage1
service/testingpage1 exposed

C:\Users\ompra\OneDrive\Desktop\test>kubectl get svc
NAME          TYPE          CLUSTER-IP  EXTERNAL-IP  PORT(S)  AGE
flask-app      NodePort       172.21.7.88  <none>        5000:30627/TCP  82s
flask-app-service  ClusterIP     172.21.47.7  <none>        5000/TCP  5m52s
kubernetes       ClusterIP     172.21.0.1  <none>        443/TCP   4d
testingpage1     NodePort       172.21.67.126  <none>        5000:31279/TCP  28s

C:\Users\ompra\OneDrive\Desktop\test>
```

