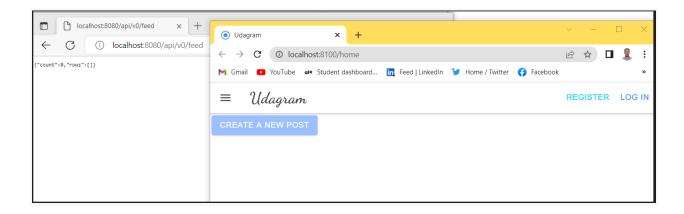
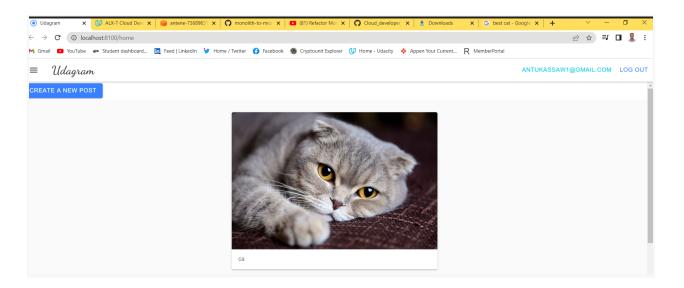
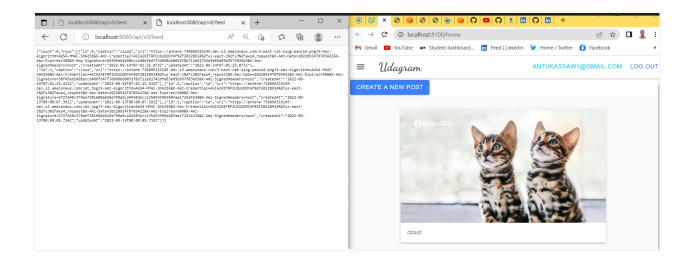
Images



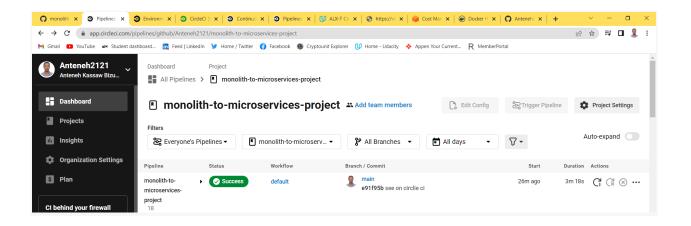
Create post

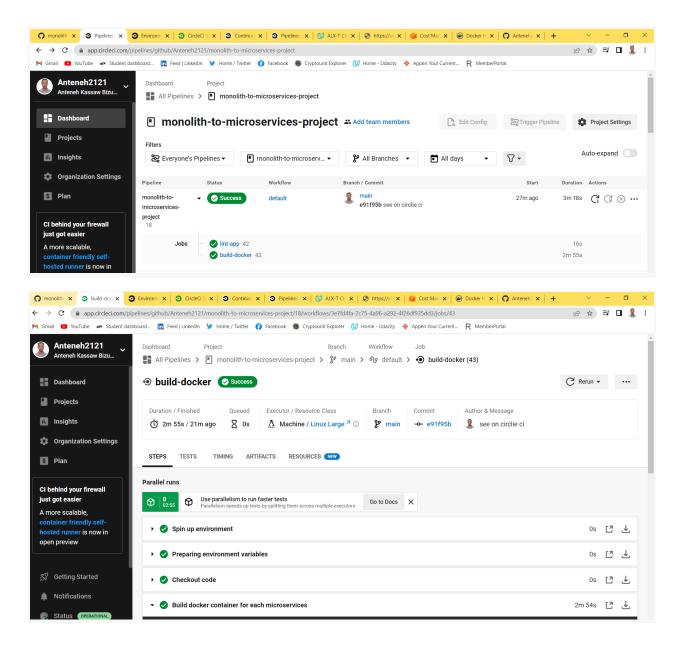




DockerHub showing images that you have pushed

Circle ci





Docker images

```
up@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project (main)
$ docker images
REPOSITORY
                                 IMAGE ID
                                                CREATED
                                                                  SIZE
                      TAG
udagram-frontend
                                 688b73c51a8a
                                                19 minutes ago
                                                                  41MB
                      local
                                 652eb60d2436
                                                16 hours ago
                                                                  1.12GB
udagram-api-user
                      latest
                                                16 hours ago
                                                                  1.12GB
udagram-api-feed
                                 3bd1abcff054
                      latest
reverseproxy
                       latest
                                 e6197299bc64
                                                18 hours ago
                                                                  23.5MB
```

```
p@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project (main)
$ docker images
REPOSITORY
                        TAG
                                   IMAGE ID
                                                   CREATED
udagram-frontend
                        local
                                   688b73c51a8a
                                                   19 minutes ago
                                                                      41MB
udagram-api-user
udagram-api-feed
                                  652eb60d2436
                        latest
                                                   16 hours ago
                                                                      1.12GB
                                                                      1.12GB
                                   3bd1abcff054
                                                   16 hours ago
                        latest
                                   e6197299bc64
                                                   18 hours ago
                                                                      23.5MB
reverseproxy
                        latest
```

kubectl get nodes

Apply env variables and secrets

```
hp@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project (main)

$ cd deployment

hp@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)

$ kubectl apply -f aws-secret.yaml
secret/mysecret created

hp@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)

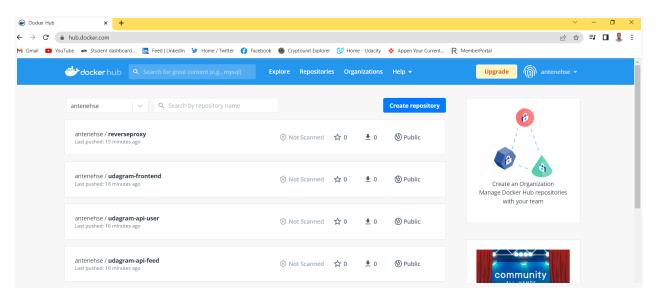
$ kubectl apply -f env-secret.yaml
secret/env-secret created

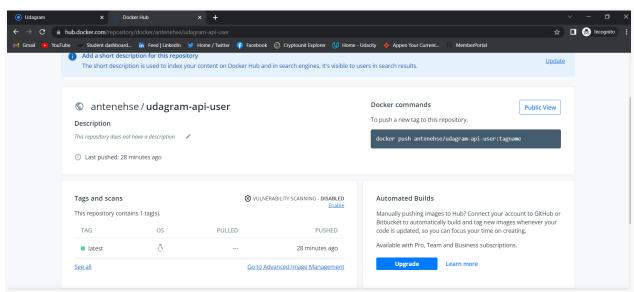
hp@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)

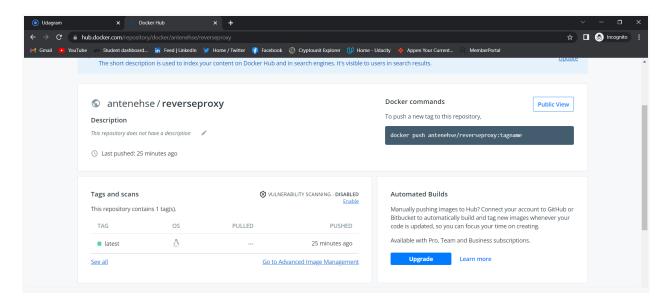
$ kubectl apply -f env-configmap.yaml
configmap/env-config created

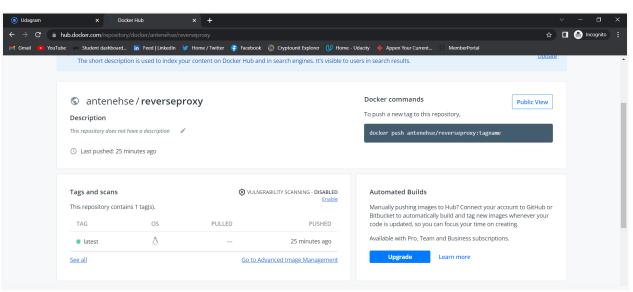
hp@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)

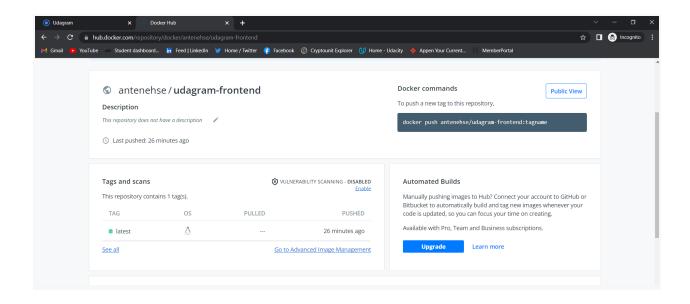
$ |
```



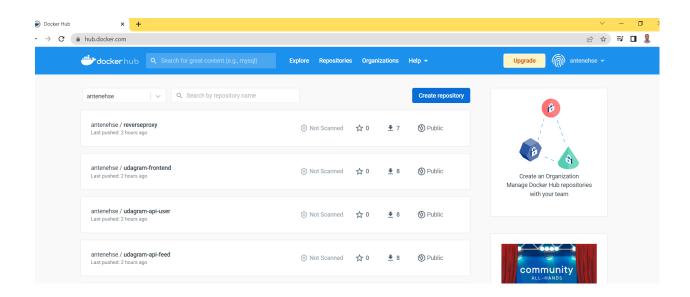








Deployments - Double check the Dockerhub image



kubectl get pods

```
608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)
 kubectl get pods
NAME
                                   READY
                                             STATUS
                                                        RESTARTS
                                                                     AGE
                                   1/1
1/1
1/1
1/1
1/1
1/1
backend-feed-5489db5cff-2r8rs
                                                                     37s
                                             Running
backend-feed-5489db5cff-p4v78
                                             Running
                                                        0
                                                                     37s
backend-user-c5cfb57cb-rgsps
                                             Running
                                                        0
                                                                     26s
backend-user-c5cfb57cb-znqf4
                                                        0
                                                                     26s
                                             Running
rontend-69cdb8c4b5-r4pdr
                                             Running
                                                        0
                                                                     3h43m
rontend-69cdb8c4b5-wn8pn
                                             Running
                                                                     3h43m
                                                        0
reverseproxy-7877b8bcfc-b9rp7
reverseproxy-7877b8bcfc-qqhm7
                                             Running
                                   1/1
                                                                     3h57m
                                                        0
                                    1/1
                                                        0
                                                                     3h57m
                                             Running
 p@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)
```

kubectl describe

```
MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)
$ kubect1 get pods
NAME
                                                     READY
                                                                   STATUS
                                                                                    RESTARTS
                                                                                                         AGE
backend-feed-794498579b-ghgn9
backend-feed-794498579b-ng4jf
backend-feed-794498579b-p4xhk
backend-user-667bc765f-4fqc4
                                                     1/1
                                                                   Running
                                                                                    0
                                                                                                         14s
                                                     1/1
1/1
1/1
1/1
1/1
                                                                                                         14s
                                                                   Running
                                                                   Running
                                                                   Running
                                                                                                          37s
backend-user-667bc765f-fpvbr
backend-user-667bc765f-hrr71
                                                                   Running
                                                                                       (9s ago)
                                                                                                          52s
                                                                                                          52s
                                                                                       (8s ago)
                                                                   Running
frontend-679bcff998-k9j9j
frontend-679bcff998-m5ldn
reverseproxy-7877b8bcfc-9rvpl
reverseproxy-7877b8bcfc-pg7dl
                                                     1/1
1/1
1/1
                                                                                                          150m
                                                                   Running
                                                                   Running
                                                                                                          150m
                                                                   Running
                                                                                    0
                                                                                                          3h50m
                                                                   Running
                                                                                    0
                                                                                                          3h50m
```

kubectl describe services

```
hp@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main) $ kubectl describe services
                      backend-feed
Name:
Namespace:
                       default
Labels:
                       service=backend-feed
Annotations:
                       <none>
Selector:
                       service=backend-feed
                      ClusterIP
Type:
IP Family Policy:
IP Families:
                      SingleStack
                       IPv4
10.100.84.131
IP:
IPs:
                       10.100.84.131
                       8080 8080/TCP
8080/TCP
Port:
TargetPort:
Endpoints:
Session Affinity:
                       <none>
Events:
                       <none>
Name:
                      backend-user
Namespace:
                       default
Labels:
                       service=backend-user
Annotations:
                       <none>
                       service=backend-user
Selector:
                       ClusterIP
Type:
IP Family Policy:
IP Families:
                      SingleStack
                       IPv4
IP:
                       10.100.96.130
IPs:
                       10.100.96.130
                       8080 8080/TCP
Port:
TargetPort:
                       8080/TCP
Endpoints:
Session Affinity:
                       <none>
                      None
Events:
                       <none>
Name:
                       frontend
Namespace:
Labels:
                       default
                       run=frontend
Annotations:
                       <none>
                       run=frontend
Selector:
Type:
IP Family Policy:
IP Families:
                       ClusterIP
                      SingleStack
                       IPv4
                       10.100.47.58
10.100.47.58
<unset> 80/TCP
IP:
IPs:
Port:
TargetPort:
                       80/TCP
Endpoints:
Session Affinity:
                       192.168.12.234:80,192.168.90.214:80
                      None
Events:
                       <none>
Name:
                       kubernetes
                       default
Namespace:
```

kubernetes Namespace: default

Labels: component=apiserver provider=kubernetes

Annotations: <none> Selector: <none> ClusterIP SingleStack Type: IP Family Policy: IP Families:

IPv4 10.100.0.1 IP: IPs: 10.100.0.1 Port: https 443/TCP TargetPort:

443/TCP 192.168.191.191:443,192.168.99.29:443 Endpoints: Session Affinity:

None Events: <none>

Name: publicfrontend . default Namespace: Labels: <none> Annotations: <none> run=frontend LoadBalancer Selector: Type: IP Family Policy: IP Families: SingleStack

IPv4 10.100.30.144 IP: IPs: 10.100.30.144

LoadBalancer Ingress: aeb3a2944348441ef987ea6db9a56279-806172751.us-east-2.elb.amazonaws.com

<unset> 80/TCP Port:

TargetPort: 80/TCP

NodePort:

<unset> 31891/TCP
192.168.12.234:80,192.168.90.214:80

Endpoints: Session Affinity: External Traffic Policy: None Cluster Events: <none>

publicreverseproxy default Name:

Namespace: Labels: Annotations: <none> <none> Selector:

run=reverseproxy LoadBalancer Type: IP Family Policy: IP Families: SingleStack IP: IPs:

10.100.54.6 10.100.54.6 10.100.54.6 a86ffb135af064d0481fb6c1619589a5-151079703.us-east-2.elb.amazonaws.com <unset> 80/TCP LoadBalancer Ingress:

Port:

TargetPort:

NodePort:

<unset> 31783/TCP
192.168.18.212:80,192.168.8.68:80 Endpoints:

Session Affinity: External Traffic Policy: None Cluster vents: <none>

```
Name:
                   reverseproxy
Namespace:
                   default
Labels:
                   service=reverseproxy
Annotations:
                   <none>
Selector:
                   service=reverseproxy
                   ClusterIP
Type:
IP Family Policy: SingleStack
IP Familíes:
                   IPv4
                   10.100.96.160
IP:
IPs:
                   10.100.96.160
                   8080 8080/TCP
8080/TCP
Port:
TargetPort:
Endpoints:
                   <none>
Session Affinity: None
Events:
hp@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)
```

kubectl describe hpa

```
np@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)
$ kubectl get hpa
NAME
               REFERENCE
                                           TARGETS
                                                       MINPODS
                                                                 MAXPODS
                                                                            REPLICAS
                                                                                       AGE
                                           388%/70%
351%/70%
                                                                                       74m
backend-feed
               Deployment/backend-feed
backend-user
               Deployment/backend-user
                                                                                       74m
```

kubectl describe hpa

```
Standard discribed standard of the standard of
```

kubectl get hpa

```
608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)
$ kubectl get hpa
                 REFERENCE
NAME
                                               TARGETS
                                                            MINPODS
                                                                        MAXPODS
                                                                                   REPLICAS
                                                                                                AGE
                                               421%/70%
414%/70%
backend-feed
                 Deployment/backend-feed
                                                                                                3h33m
                                                            3
                Deployment/backend-user
Deployment/frontend
Deployment/reverseproxy
backend-user
                                                                                                3h32m
                                               0%/70%
0%/70%
frontend
                                                                                                16m
                                                                                                15m
reverseproxy
np@ET-27608 MINGW64 ~/Desktop/project3/monolith-to-microservices-project/deployment (main)
```

kubectl logs <your pod name>

```
$ kabect of the Stabblish of St
```