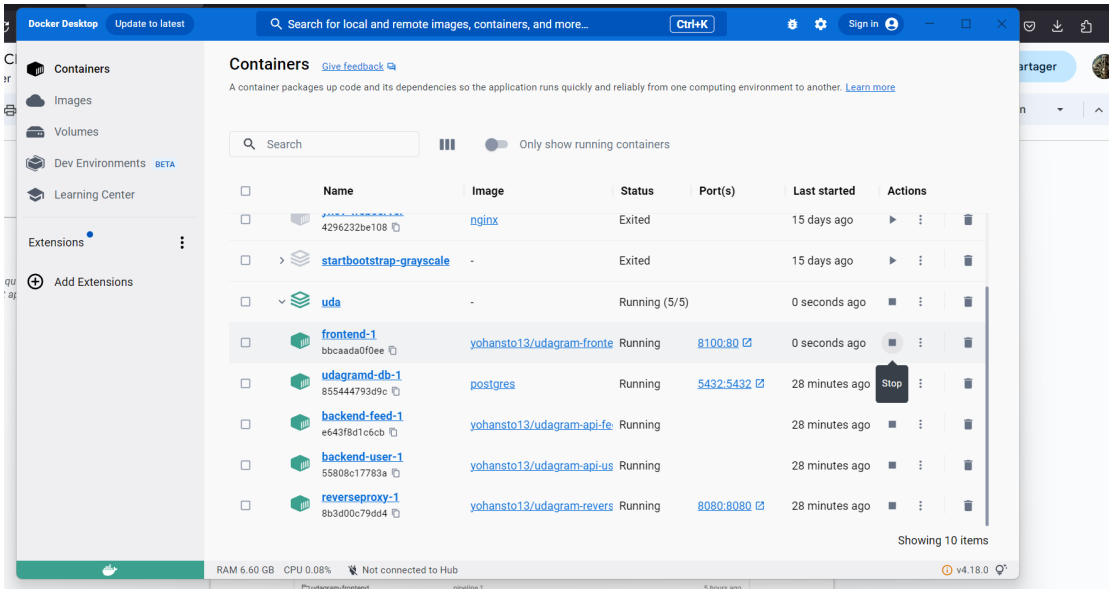


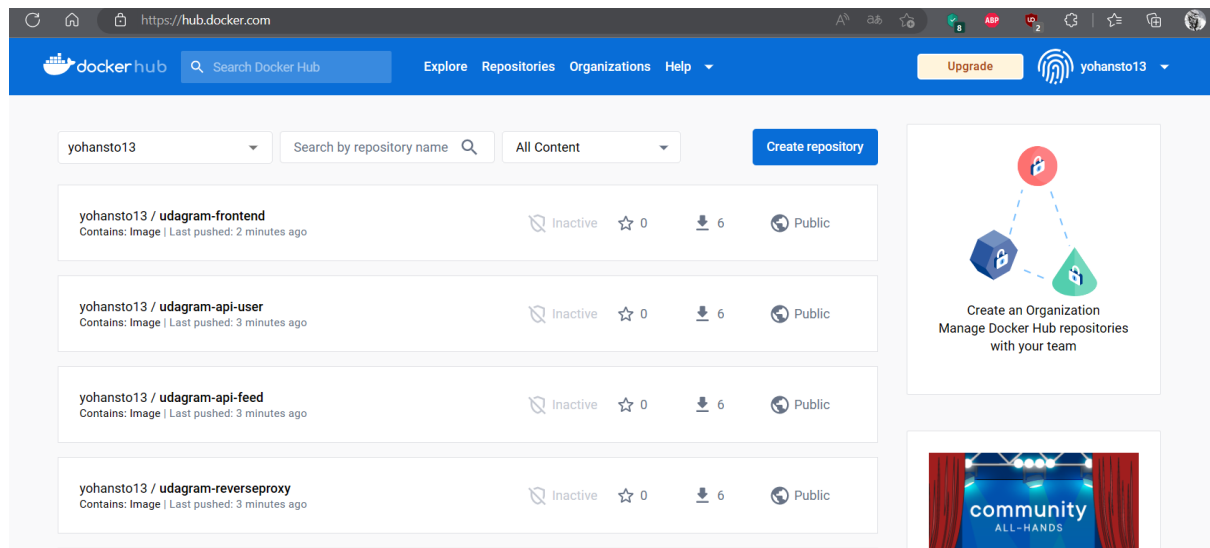
Comme vu avec vous pendant l'examen nous rendons le projet sur l'application udiagram pour cause de unhealthy container sur "cat vs dog"

TODO Build image

1)Photo Conteneur



```
PS C:\Users\yohan\Documents\uda> docker-compose up -d
time="2023-04-28T15:08:36+02:00" level=warning msg="volume \"postgres-db-data\" already exists but was not created for project \"m2\". Use `external: true` to use an existing volume"
[+] Running 5/5
 ✓ Container uda-frontend-1      Started      0.7s
 ✓ Container uda-udagramd-db-1   Started      0.6s
 ✓ Container uda-backend-feed-1  Started      1.6s
 ✓ Container uda-backend-user-1  Started      1.4s
 ✓ Container uda-reverseproxy-1  Started      2.3s
PS C:\Users\yohan\Documents\uda> docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
bfa44827bba9   yohansto13/udagram-reverseproxy    "/docker-entrypoint..." 34 minutes ago Up 1 second   80/tcp, 0.0.0.0:8080->8080/tcp
709a83dcaa57   yohansto13/udagram-api-feed        "docker-entrypoint.s..." 34 minutes ago Up 2 seconds
90bcc3037af2   yohansto13/udagram-api-user        "docker-entrypoint.s..." 34 minutes ago Up 2 seconds
24cfb1914ac0   postgres                            "docker-entrypoint.s..." 34 minutes ago Up 3 seconds   0.0.0.0:5432->5432/tcp
uda-udagramd-db-1
```



TODO virtual machines & project setup




1) Instances AWS

	Name	ID d'instance	État de l'insta...	Type d'insta...	Contrôle des st...	Statut d'alar...	Zone de dispon...	DNS IPv4
<input type="checkbox"/>	dev-server	i-02d5e053b00e70b3c	En cours d'exé...	t2.micro	2/2 vérifications n	Aucune al...	us-east-1b	ec2-52-90
<input type="checkbox"/>	prod-server	i-084fac139612e226d	En cours d'exé...	t2.micro	2/2 vérifications n	Aucune al...	us-east-1b	ec2-3-86-
<input type="checkbox"/>	gitlab_runner-shell	i-066cd11b15c47ba25	Arrêté(e)	t2.medium	-	Aucune al...	us-east-1a	-
<input type="checkbox"/>	gitlab_instance	i-025f6be5633ae6c1e	En cours d'exé...	t2.medium	2/2 vérifications n	Aucune al...	us-east-1a	ec2-44-20
<input checked="" type="checkbox"/>	gitlab_runner-docker	i-0e0efacdc0d9a1af	En cours d'exé...	t2.medium	2/2 vérifications n	Aucune al...	us-east-1a	ec2-3-231

2) Création projet Gitlab

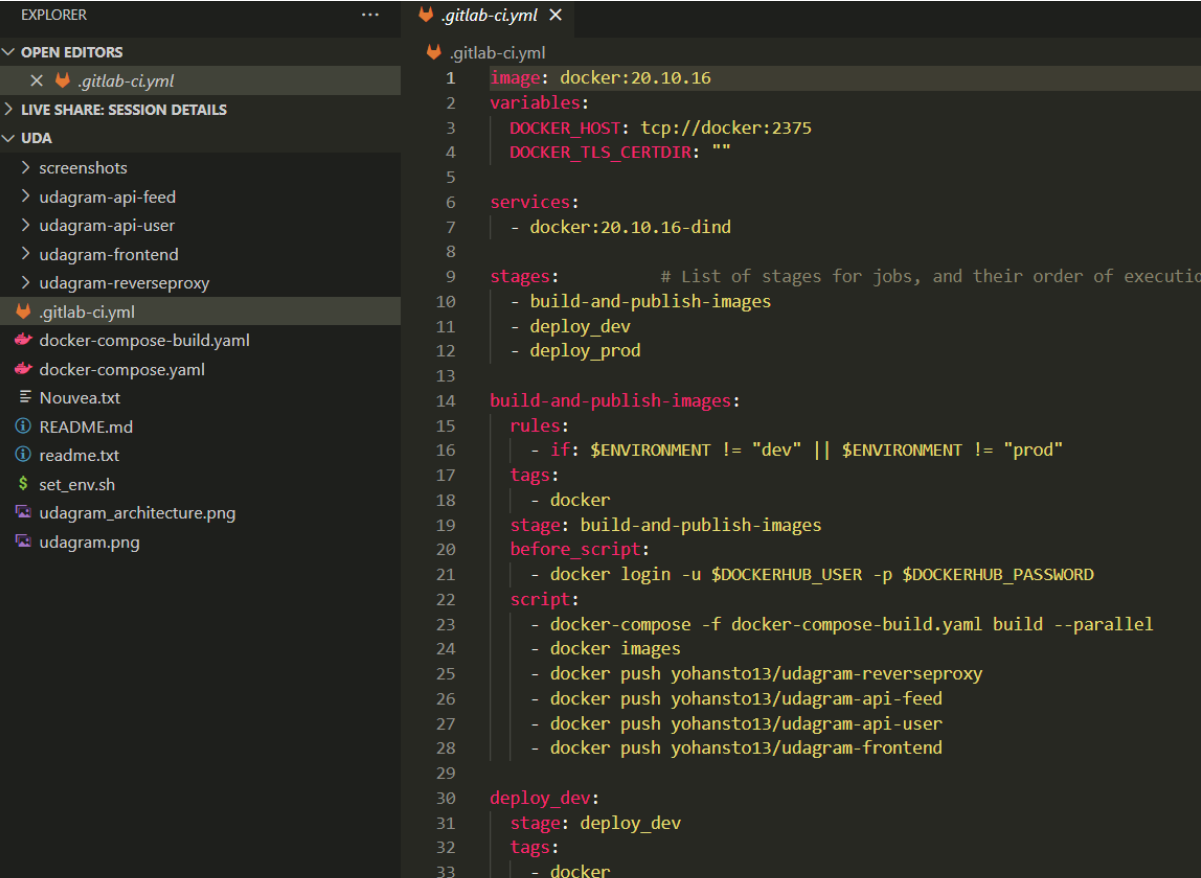
Name	Last commit	Last update
screenshots	pipeline 1	5 hours ago
udagram-api-feed	pipeline 1	5 hours ago
udagram-api-user	pipeline 1	5 hours ago
udagram-frontend	pipeline 1	5 hours ago
udagram-reverseproxy	pipeline 2	4 hours ago
.gitlab-ci.yml	pipeline 2	3 hours ago

3) L'ajout des 2 Dev

Uda project members 3		Manage access
	Yohan @Makory It's you Given access 5 hours ago	Owner
	Etnairis @Guillaume Given access 1 hour ago	Developer
	Denys77 @Denys77 Given access 1 hour ago	Developer

TODO CICD Pipeline

1) creation fichier .gitlab-ci.yml




```


1  image: docker:20.10.16
2  variables:
3    DOCKER_HOST: tcp://docker:2375
4    DOCKER_TLS_CERTDIR: ""
5
6  services:
7    - docker:20.10.16-dind
8
9  stages:          # List of stages for jobs, and their order of execution
10   - build-and-publish-images
11   - deploy_dev
12   - deploy_prod
13
14  build-and-publish-images:
15    rules:
16      - if: $ENVIRONMENT != "dev" || $ENVIRONMENT != "prod"
17    tags:
18      - docker
19    stage: build-and-publish-images
20    before_script:
21      - docker login -u $DOCKERHUB_USER -p $DOCKERHUB_PASSWORD
22    script:
23      - docker-compose -f docker-compose-build.yaml build --parallel
24      - docker images
25      - docker push yohansto13/udagram-reverseproxy
26      - docker push yohansto13/udagram-api-feed
27      - docker push yohansto13/udagram-api-user
28      - docker push yohansto13/udagram-frontend
29
30  deploy_dev:
31    stage: deploy_dev
32    tags:
33      - docker

```



2) Pipeline


✓ passed Pipeline #48 triggered 3 hours ago by  Yohan

pipeline 2

 3 jobs for [master](#)
in 5 minutes and 18 seconds and was queued for 3 seconds

 latest

 [c1e74aed](#) 

 No related merge requests found.

Pipeline Needs Jobs 3 Tests 0

build-and-publish-images

deploy_dev

deploy_prod

✓ build-and-publish-images

✓ deploy_dev

✓ deploy_prod

 [Register](#) [Sign in](#)

Search job log

```
427 0dabcc98eeef: Preparing
428 0dabcc98eeef: Preparing
429 6885f9305c0a: Preparing
430 ee50c22fd6c: Waiting
431 d8183b2c9c73: Waiting
432 5aea01ea0a0f: Waiting
433 05f4935ad90a: Waiting
434 c96f2308ab16: Waiting
435 6885f9305c0a: Waiting
436 38c2f9ead82d: Waiting
437 0dabcc98eeef: Waiting
438 ed09928f5a32: Layer already exists
439 ee50c22fd6c: Layer already exists
440 bea2f0ca87ae: Mounted from yohansto13/udagram-api-user
441 d8183b2c9c73: Layer already exists
442 5aea01ea0a0f: Layer already exists
443 05f4935ad90a: Layer already exists
444 c96f2308ab16: Layer already exists
445 0dabcc98eeef: Layer already exists
446 38c2f9ead82d: Layer already exists
447 6885f9305c0a: Layer already exists
448 320229b59a4f: Pushed
449 c43005ac80a4: Pushed
450 1b13f45ed86b: Pushed
451 latest: digest: sha256:1f56a063643b8111e3264007d215c6e2205fd4897011aba07b57583c3a2f9461 size: 3055
✓ 453 Cleaning up project directory and file based variables
455 Job succeeded
```


00:01

build-and-publish-ima...


Duration: 2 minutes 55 seconds

Finished: 3 hours ago

Queued: 2 seconds

Timeout: 1h (from project) 

Tags: docker

Commit [c1e74aed](#) 
pipeline 2

✓ Pipeline #48 for [master](#) 

build-and-publish-images 

→ ✓ build-and-publish-images

4) Gitlab avec les 2 Branches

Yohan > Uda > Repository > Branches

Overview Active Stale All

Filter by branch name

Delete merged branches

New branch

Active branches

Feature1	3adcbb62 · change the file · 1 minute ago	2 2		Merge request	Compare		
master default protected	41451f48 · Merge branch 'Feature2' into 'master' · 8 minutes ago						
Feature2 merged	0a1addf9 · New file · 40 minutes ago	1 0		Merge request	Compare		