

## Rendu Final Exam Voting Cat vs Dog

### TODO Build Image

### Images sur Docker Desktop :

finalexam			Running (5/5)	19 minutes ago			
db-1	c7ef1a5a366e	postgres:15-alpine	Running	21 minutes ago			
redis-1	78ce8d397729	redis:alpine	Running	21 minutes ago			
worker-1	74f4f341aa06	finalexam-worker	Running	19 minutes ago			
result-1	d0e72d7c9125	finalexam-result	Running	19 minutes ago	5858:5858 5001:80 <a href="#">Show less</a>		
vote-1	d6066c0ca7ce	finalexam-vote	Running	19 minutes ago	5005:80		

Showing 18 items

### Images via Docker PS :

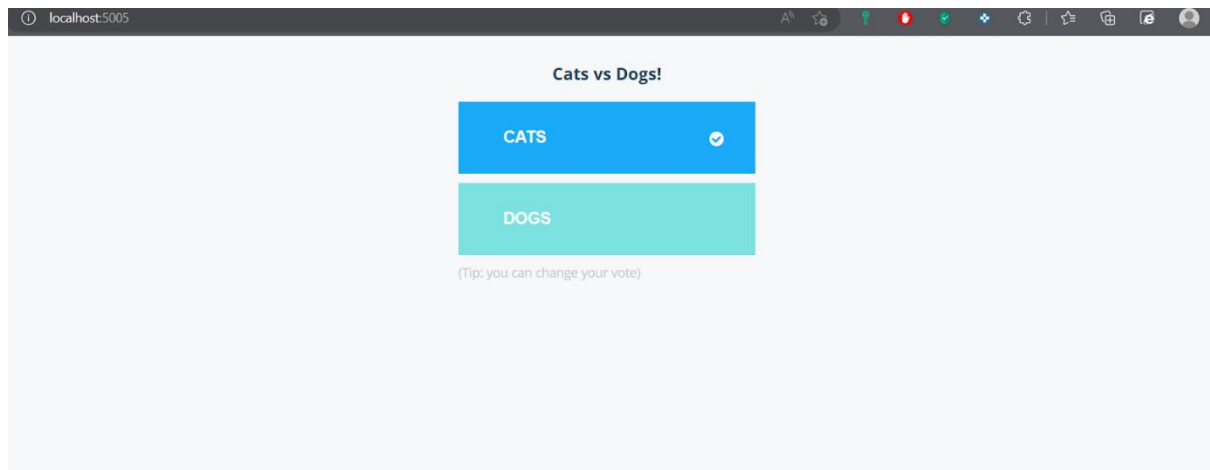
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
d6066c0ca7ce	finalexam-vote	"python app.py"	23 minutes ago	Up 21 minutes (healthy)	0.0.0.0:5005->80/tcp	finalexam-vote-1
d0e72d7c9125	finalexam-result	"nodemon server.js"	23 minutes ago	Up 21 minutes	0.0.0.0:5858->5858/tcp, 0.0.0.0:5001->80/tcp	finalexam-result-1
74f4f341aa06	finalexam-worker	"dotnet Worker.dll"	23 minutes ago	Up 21 minutes		finalexam-worker-1
c7ef1a5a366e	postgres:15-alpine	"docker-entrypoint.s..."	23 minutes ago	Up 23 minutes (unhealthy)	5432/tcp	finalexam-db-1
78ce8d397729	redis:alpine	"docker-entrypoint.s..."	23 minutes ago	Up 23 minutes (unhealthy)	6379/tcp	finalexam-redis-1

Docker Hub interface showing repositories for yohansto13:

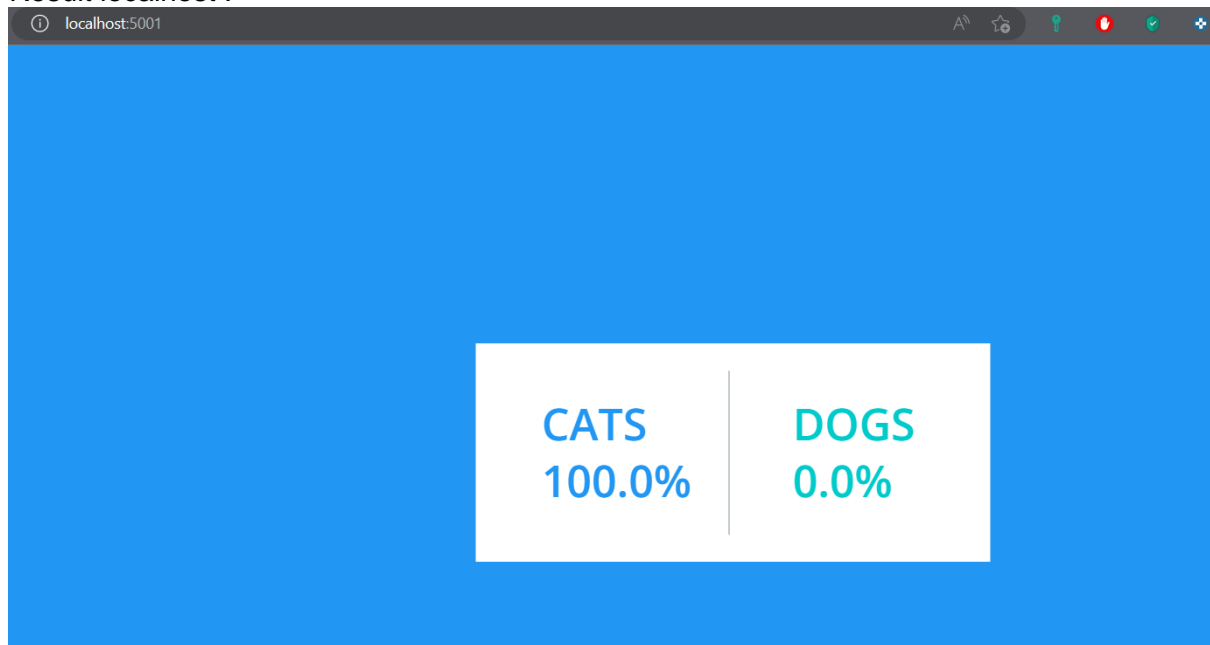
- yohansto13 / examplevotingapp\_worker: Inactive, 0 stars, 0 downloads, Public. Contains: Image | Last pushed: 2 minutes ago.
- yohansto13 / examplevotingapp\_result: Inactive, 0 stars, 0 downloads, Public. Contains: Image | Last pushed: 2 minutes ago.
- yohansto13 / examplevotingapp\_vote: Inactive, 0 stars, 0 downloads, Public. Contains: Image | Last pushed: 2 minutes ago.

Right sidebar: Create an Organization. Manage Docker Hub repositories with your team.

### Front localhost :



Result localhost :



TODO Virtual Machine and Project Setup

Machine 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-0e0efacadc0d9a1af	✓ En cours d'exé...	t2.medium	✓ 2/2 vérifications n	Aucune al... +	us-east-1a	ec2-3-231

## Gitlab création du projet avec ses branches :

The screenshot shows the GitLab project page for 'FinalExam'. At the top, there's a project header with the name 'FinalExam', a globe icon, and 'Project ID: 10'. To the right are buttons for 'Search', 'Notifications', 'Star' (0), and 'Fork' (0). Below this, a progress bar shows the project's status. A recent push is highlighted: '2nd push' by 'Yohan' 12 minutes ago, with commit hash '35b677e6'. Below the push, there's a 'main' branch dropdown and a '+ v' button. A 'Select Git revision' dropdown is open, showing 'Feature1', 'Feature2', and 'main (default)'. To the right of the dropdown are buttons for 'Add LICENSE', 'Add CHANGELOG', 'Add CONTRIBUTING', and 'Auto DevOps enabled'. Below these are 'Wiki' and 'Configure Integrations' buttons. At the bottom, there's a table of commits.

	Last commit	Last update
	first push	1 hour ago
	first push	1 hour ago
seed-data	docker compose build	52 minutes ago

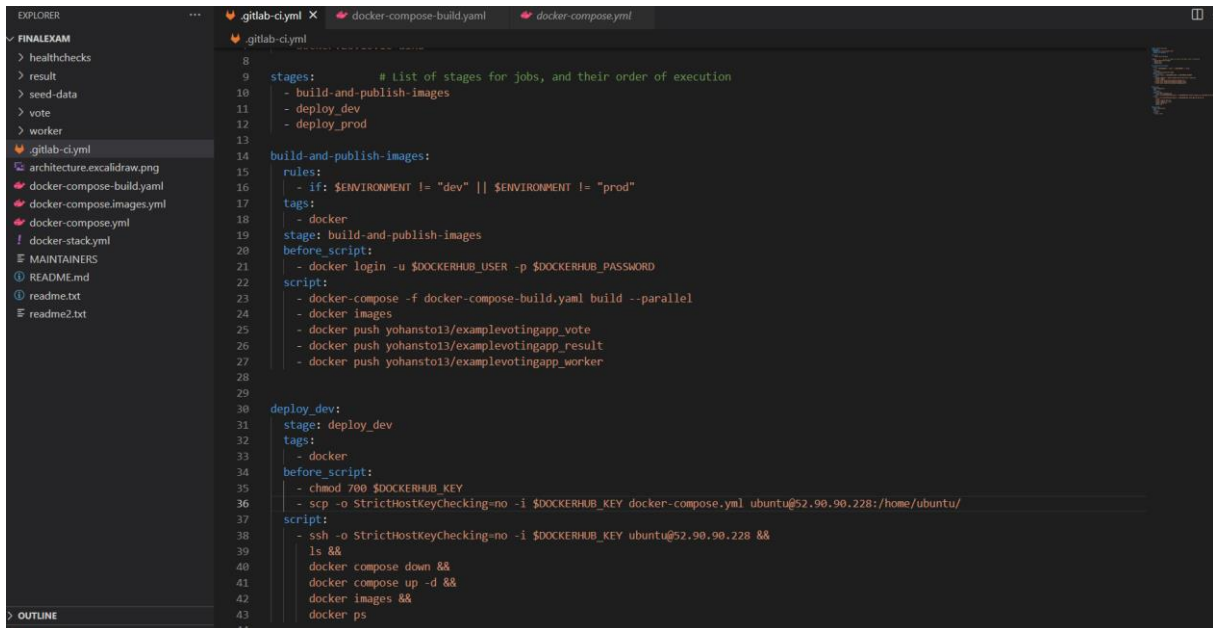
## Gitlab avec les membres

The screenshot shows the 'Project members' page for 'FinalExam'. At the top, there's a header with 'Yohan > FinalExam > Members'. Below this, there's a 'Project members' section with a description: 'You can invite a new member to FinalExam or invite another group.' To the right are buttons for 'Import from a project', 'Invite a group', and 'Invite members'. Below this, there's a 'Members' section with a search bar and a table of members.

Account	Source	Max role	Expiration	Activity
Denys77 @Denys77	Direct member by Yohan	Developer	Expiration date	User created: Apr 21, 2023 Access granted: Apr 28, 2023 Last activity: Apr 28, 2023
Etnairis @Guillaume	Direct member by Yohan	Developer	Expiration date	User created: Apr 14, 2023 Access granted: Apr 28, 2023 Last activity: Apr 28, 2023
Yohan @Makory	Direct member by Yohan	Owner	Expiration date	User created: Apr 14, 2023 Access granted: Apr 28, 2023 Last activity: Apr 28, 2023

## TODO CICD Pipeline

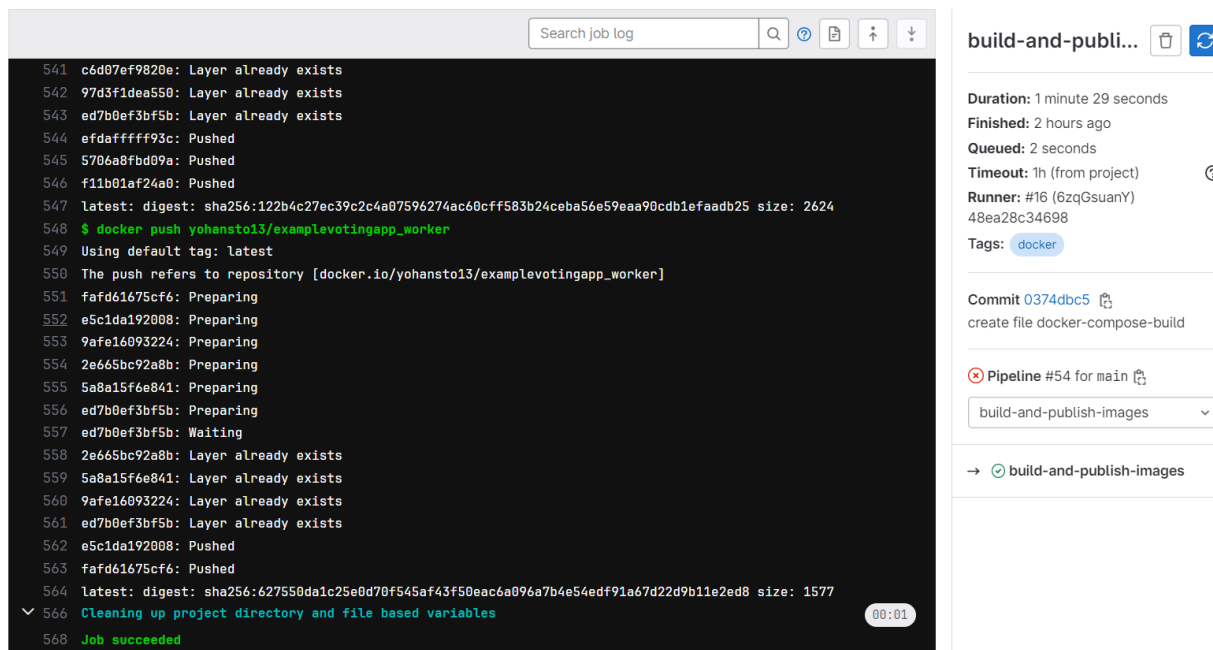
### Creation fichier .gitlab-ci.yml



```
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.yml build --parallel
24   - docker images
25   - docker push yohansto13/examplevotingapp_vote
26   - docker push yohansto13/examplevotingapp_result
27   - docker push yohansto13/examplevotingapp_worker
28
29
30 deploy_dev:
31 stage: deploy_dev
32 tags:
33   - docker
34 before_script:
35   - chmod 700 $DOCKERHUB_KEY
36   - scp -o StrictHostKeyChecking=no -i $DOCKERHUB_KEY docker-compose.yml ubuntu@52.90.90.228:/home/ubuntu/
37 script:
38   - ssh -o StrictHostKeyChecking=no -i $DOCKERHUB_KEY ubuntu@52.90.90.228 &&
39     ls &&
40     docker compose down &&
41     docker compose up -d &&
42     docker images &&
43     docker ps
44
```

## Pipeline

### Le build and publish fonctionne



```
541 c6d07ef9820e: Layer already exists
542 97d3f1dea550: Layer already exists
543 ed7b0ef3bf5b: Layer already exists
544 efdaaaaa93c: Pushed
545 5706a8fbd09a: Pushed
546 f11b01af24a0: Pushed
547 latest: digest: sha256:122b4c27ec39c2c4a07596274ac60cff583b24ceba56e59eaa90cdb1efaadb25 size: 2624
548 $ docker push yohansto13/examplevotingapp_worker
549 Using default tag: latest
550 The push refers to repository [docker.io/yohansto13/examplevotingapp_worker]
551 fafd61675cf6: Preparing
552 e5c1da192008: Preparing
553 9afe16093224: Preparing
554 2e665bc92a8b: Preparing
555 5a8a15f6e841: Preparing
556 ed7b0ef3bf5b: Preparing
557 ed7b0ef3bf5b: Waiting
558 2e665bc92a8b: Layer already exists
559 5a8a15f6e841: Layer already exists
560 9afe16093224: Layer already exists
561 ed7b0ef3bf5b: Layer already exists
562 e5c1da192008: Pushed
563 fafd61675cf6: Pushed
564 latest: digest: sha256:627550dalc25e0d70f545af43f50eac6a096a7b4e54edf91a67d22d9b11e2ed8 size: 1577
565 Cleaning up project directory and file based variables
566 Job succeeded
```

**build-and-publish-images**

Duration: 1 minute 29 seconds  
Finished: 2 hours ago  
Queued: 2 seconds  
Timeout: 1h (from project)  
Runner: #16 (6zqGsuanY)  
48ea28c34698  
Tags: docker

Commit 0374dbc5  
create file docker-compose-build

Pipeline #54 for main  
build-and-publish-images

→ build-and-publish-images

Lors du déploiement unhealthy container apparaît

44.200.15.89/Makory/finalexam/-/jobs/196

Reverse proxy HTTP... pSense 2.4 : Créer... Coflix - Animés, Fil... 86 Eighty Six (2021)... Tableau de bord Read Manhua Onlin... Mon parcours actif 2.5 Footprinting Pe...

Search job log

```
665 Network finalexam_back-tier Created
666 Network finalexam_front-tier Creating
667 Network finalexam_front-tier Created
668 Volume "finalexam_db-data" Creating
669 Volume "finalexam_db-data" Created
670 Container finalexam-db-1 Creating
671 Container finalexam-redis-1 Creating
672 Container finalexam-redis-1 Created
673 Container finalexam-vote-1 Creating
674 Container finalexam-db-1 Created
675 Container finalexam-result-1 Creating
676 Container finalexam-worker-1 Creating
677 Container finalexam-worker-1 Created
678 Container finalexam-vote-1 Created
679 Container finalexam-result-1 Created
680 Container finalexam-db-1 Starting
681 Container finalexam-redis-1 Starting
682 Container finalexam-redis-1 Started
683 Container finalexam-db-1 Started
684 Container finalexam-db-1 Waiting
685 Container finalexam-db-1 Waiting
686 Container finalexam-redis-1 Waiting
687 Container finalexam-redis-1 Waiting
688 container for service "db" is unhealthy
690 Cleaning up project directory and file based variables
692 ERROR: Job failed: exit code 1
```

00:01

deploy\_dev

New issue

Duration: 1 minute 28 seconds  
Finished: 2 hours ago  
Queued: 2 seconds  
Timeout: 1h (from project)  
Runner: #16 (6zqGsuanY)  
48ea28c34698  
Tags: docker

Commit 0374dbc5  
create file docker-compose-build

Pipeline #54 for main  
deploy\_dev

→ deploy\_dev

## Gitlab avec ses 2 Branches

ec2-44-204-100-73.compute-1.amazonaws.com/Makory/finalexam/-/branches

Yohan > FinalExam > Repository > Branches

Overview Active State All

Filter by branch name

Delete merged branches New branch

Active branches

Feature2	1524c7d8 · test new file · just now	0 1	Merge request	Compare	Download	Delete
Feature1	2f02066f · add a new file · 5 minutes ago	0 1	Merge request	Compare	Download	Delete
main	35b677e6 · 2nd push · 14 minutes ago				Download	Delete

## Merge Request Feature2 :

Feature2 est la branche attribuée à Guillaume avec le rôle Developpeur

The screenshot shows a GitLab Merge Request interface. The title is "test new file". The status is "Merged". The merge request was requested by Yohan to merge Feature2 into main just now. The overview shows 0 commits, 0 pipelines, and 0 changes. There are 0 thumbs up and 0 thumbs down. The merge details show that the changes were merged into main with commit f5eac626 and the source branch was not deleted. The activity log shows Yohan requested review from @Makory, Yohan assigned to @Guillaume, Yohan mentioned in commit f5eac626, and Yohan merged just now. The right sidebar shows the assignee Etnairis, reviewer Yohan, labels None, milestone None, time tracking No estimate or time spent, lock merge request Unlocked, notifications On, and 2 participants.

## Merge Request Feature1 :

Feature1 est la branche attribuée à Denys avec le rôle Developpeur

The screenshot shows a GitLab Merge Request interface. The title is "add a new file". The status is "Merged". The merge request was requested by Yohan to merge Feature1 into main just now. The overview shows 0 commits, 0 pipelines, and 0 changes. There is 1 thumbs up and 0 thumbs down. The merge details show that the changes were merged into main with commit 5f505c24 and the source branch was not deleted. The activity log shows Yohan requested review from @Makory, Yohan assigned to @Denys77, Yohan approved this merge request just now, Yohan mentioned in commit 5f505c24, and Yohan merged just now. The right sidebar shows the assignee Denys77, reviewer Yohan, labels None, milestone None, time tracking No estimate or time spent, lock merge request Unlocked, notifications On, and 2 participants.

Apparition des nouveaux fichiers sur Gitlab



Merge branch 'Feature1' into 'master' ...  
Yohan authored 3 minutes ago



e034ba3f



master ▾

uda /

+ ▾

Find file

Web IDE

Download ▾

Clone ▾

README

CI/CD configuration

Add LICENSE

Add CHANGELOG

Add CONTRIBUTING

Auto DevOps enabled

Add Kubernetes cluster

Add Wiki

Configure Integrations

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
📄 Nouvea.txt	New file	46 minutes ago
📖 README.md	pipeline 1	5 hours ago
📄 docker-compose-build.yaml	pipeline 2	4 hours ago
📄 docker-compose.yaml	pipeline 1	5 hours ago
📄 readme.txt	change the file	6 minutes ago
📄 set_env.sh	pipeline 1	5 hours ago
🖼 udagram.png	pipeline 1	5 hours ago
🖼 udagram_architecture.png	pipeline 1	5 hours ago

