

# LAB Voting App using Micro-services and Docker

## TASK 2 – Step-by-Step Deployment

```
vi Jayagla@DESKTOP-FP40P26:~/Docker$ git clone https://github.com/Pokfinner/ironhack-project-1.git
cd ironhack-project-1
Cloning into 'ironhack-project-1'...
remote: Enumerating objects: 151, done.
remote: Counting objects: 100% (58/58), done.
remote: Compressing objects: 100% (16/16), done.
remote: Total 151 (delta 44), reused 42 (delta 42), pack-reused 93 (from 1)
Receiving objects: 100% (151/151), 139.29 KiB | 1.70 MiB/s, done.
Resolving deltas: 100% (72/72), done.
vi Jayagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1$ ls -la
total 60
drwxr-xr-x 7 vi Jayagla vi Jayagla 4096 Feb  4 14:06 .
drwxr-xr-x 6 vi Jayagla vi Jayagla 4096 Feb  4 14:06 ..
-rw-r--r-- 1 vi Jayagla vi Jayagla 6148 Feb  4 14:06 .DS_Store
drwxr-xr-x 8 vi Jayagla vi Jayagla 4096 Feb  4 14:06 .git
-rw-r--r-- 1 vi Jayagla vi Jayagla 10758 Feb  4 14:06 LICENSE
-rw-r--r-- 1 vi Jayagla vi Jayagla 5463 Feb  4 14:06 README.md
-rw-r--r-- 1 vi Jayagla vi Jayagla 1343 Feb  4 14:06 docker-compose.yml
drwxr-xr-x 2 vi Jayagla vi Jayagla 4096 Feb  4 14:06 healthchecks
drwxr-xr-x 3 vi Jayagla vi Jayagla 4096 Feb  4 14:06 result
drwxr-xr-x 4 vi Jayagla vi Jayagla 4096 Feb  4 14:06 vote
drwxr-xr-x 3 vi Jayagla vi Jayagla 4096 Feb  4 14:06 worker
```

```
vi Jayagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/vote$ docker build -t vi Jayagla123/voting-app .
```

```
vi Jayagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/vote$ docker push vi Jayagla123/voting-app
Using default tag: latest
The push refers to repository [docker.io/vi Jayagla123/voting-app]
0c92a3f7ab83: Pushed
f5b3e04dee39: Pushed
c4bb237c6923: Pushed
3c89cafc840f: Pushed
01b33a74e4da: Pushed
06f252d15777: Mounted from vi Jayagla123/python-app
072aa7e4d8cf: Mounted from vi Jayagla123/python-app
5662d93ce7b0: Mounted from vi Jayagla123/python-app
a8ff6f8cbdfd: Mounted from vi Jayagla123/python-app
latest: digest: sha256:b01c77127e9329bcfc87f34e224786a53a0bd56969ad7c85da88bbe76fcca730 size: 2203
```

```
vi Jayagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/vote$ cd ../result
vi Jayagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/result$ docker build -t vi Jayagla123/result-app .
```

```
Successfully tagged vijayagagla123/result-app:latest
vijayagagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/result$ docker push vijayagagla123/result-app
Using default tag: latest
The push refers to repository [docker.io/vijayagagla123/result-app]
9c90503ffdfc: Pushed
43013248b7c8: Pushed
60ebde710354: Pushed
23fe5e7ae1bf: Pushed
1728f2be3ff8: Pushed
02f103849e8f: Pushed
e1e93a4fa4fd: Mounted from library/node
9b95ddc8a140: Mounted from library/node
cd1cd7c2e57b: Mounted from library/node
206f13f5e317: Mounted from library/node
ace34d1d784c: Mounted from library/node
latest: digest: sha256:37e648cc7509c8ab671cf6f1f90a343518bfb8f752dee758c2db88ac16bee13a size: 2625
```

```
vijayagagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/result$ cd ../worker
vijayagagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/worker$ docker build -t vijayagagla123/worker-app
```

```
vijayagagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/worker$ docker push vijayagagla123/worker-app
Using default tag: latest
The push refers to repository [docker.io/vijayagagla123/worker-app]
b8c9f3e60afd: Pushed
8d6aaa07db3b: Pushed
e8c45af34828: Pushed
dc586c5405be: Pushed
1fe8b4c22b33: Pushed
042c88e0114a: Pushed
e48af84b2108: Pushed
latest: digest: sha256:f7d129ac4a717c5a254c40a50b8a07d162ed936ebb27e88e19bf0a7c53147d3e size: 1785
```

```
vijayagagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/worker$ docker network create frontend
docker network create backend
a793c389c1bd7fdaa12e47e50c2efc68ead35068c2e7cc1540a37b8136bccc30
docker network create backend
a793c389c1bd7fdaa12e47e50c2efc68ead35068c2e7cc1540a37b8136bccc30
4cb5fc1a4cbfcc963a04edcce9bc0e8ddd072b2dc62a4398943a318f8c5a1a79
```

```
vijayagagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/worker$ docker run -d --name db --network backend -e POSTGRES_USER=postgres -e POSTGRES_PASSWORD=postgres postgres:latest
Unable to find image 'postgres:latest' locally
latest: Pulling from library/postgres
Digest: sha256:3bb77a07b9ce8b8de0fed9b063adf20b9cca1068a1bcd054cac71a69ce0ca6
Status: Downloaded newer image for postgres:latest
decea48c4cb428e7bf6ed6d4ab9626d888b85724514019dd4897dcaa805c029d
```

```
vijayagagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/worker$ docker run -d --name worker-app --network frontend --network backend vijayagagla123/worker-app
94940aa67907cbb473a7c4e8a3910c7df34eae6f6521782668c464df11e9630
vijayagagla@DESKTOP-FP40P26:~/Docker/ironhack-project-1/worker$ docker run -d --name result-app --network backend -p 5001:80 vijayagagla123/result-app
c8c3e98d4196314a29b8f75359018d7cdd3f9b276210b7a599a52fab9a2ad50a
```

## Cats vs Dogs!

CATS



DOGS

(Tip: you can change your vote)

Processed by container ID  
38763ab108b9

