

# Final

## Introduction

As a DevOps engineer , you will have to deploy an application's architecture. The app has this structure:

- Frontend (Html / css / JS app), will be served with nginx
- Backend (Go)
- Database (Postgresql)

**Files** [here](#)

**Groups** [here](#)

## Goal

You must :

- Create a Github or Gitlab repository
- Give admin access to [guillaume@twelveparsecs.co](mailto:guillaume@twelveparsecs.co) (to be able to see CiCd variables)
- Dockerize frontend & backend (Demo me live working containers this morning so I validate the point)
- Create a docker-compose.yaml that works locally (Demo me live this morning so I validate the point)
- Implement a CI/CD that runs a trufflehog check, a bandit check, and a deploy step with webhook (Demo me live this morning so I validate the point)
- Use a clever git flow that has to be documented in a README.MD
- Deploy to Coolify (<https://coolify.niceapp.cloud/>) on tpfinal.<domain>.store (document it on README)
- Document (cleverly) the project in the [README.MD](#) as you would do at your job
- To be submitted by mail at [guillaume@twelveparsecs.co](mailto:guillaume@twelveparsecs.co) before 7/12 18:00
- Bonus : terraform the architecture with docker provider
- Bonus : become a rap god in live

