# Introduction

In this project, I will separate the frontend and the backend, because I suspected that this project will be a big, may be we will integrate all other projects here.

So we have database separated, and api project, and the frontend project.

I choose react as frontend library because it is the most used at 2023 in comparaison with others, like that future developers at CACI will maintain it easly without any problems (I hope)

# Tech Stack

React, Redux, Laravel, Rest API Laravel, MySQL,

# Project Structure

There are two subprojects:

Portal-backend

Portal-frontend

# Main Modules

Anoucments

# Database :

Name : portal

# Authentication

# Authorizations

Roles :

When we starting the development process, we have concluded that there are 10 roles + 3 for future needs, may be we will add others later, they gouped by organizatinos as follow:

1. Ministry of commerce

* Ministry

Key name is : ministry

* General direction

Key name is : general\_direction

* Administrator

Key name is : ministry\_administrator

1. Chambers

* chamber employee

Key name is : chamber\_employee

* chamber administrator

Key name is : chamber\_administrator

1. Algerian chamber

* chamber employee

Key name is : algerian\_chamber\_employee

* chamber administrator

Key name is : algerian\_chamber\_administrator

1. State or wilaya direction

Key name is : state\_direction

1. Regional direction

Key name is : regional\_direction

1. Admin

Key name is : admin

1. Future needs

* Company

Key name is : company

* Temporary users

Key name is : user

* Guest or visitor

Key name is : guest

Create api controller

php artisan make:controller Api/RoleController --api –model=Role

# History of the project :

26-04-2023

create the project :

composer create-project --prefer-dist laravel/laravel portal-backend