# Case Study

MyERP App

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#### Introduction and Contextualization

MyERP is a straightforward application designed to showcase my skills in building API-based apps that can scale and be utilized by various types of client applications.

## **Main Features**

- Robust and safe authentication system
- Visually appealing
- Good UX
- CRUD operations

# **Adopted Technologies**



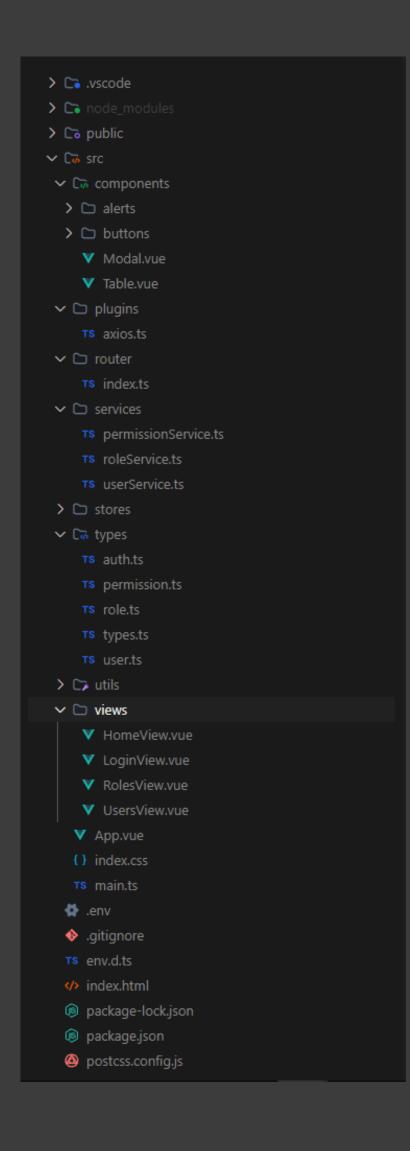
# What did i learn?

#### **Authentication and CORS**

I had the opportunity to enhance my skills on the authentication flow using JWT tokens and Laravel session cookies, as well as to learn about CORS and its importance when dealing with a distributed application or one that is consumed by multiple client applications.

## **Reinforcing CRUD concepts**

Reviewing is beneficial! I was able to create models and controllers following best practices from scratch, starting from database modeling to code construction, translating existing database relationships into code, leveraging the convenience provided by Laravel.

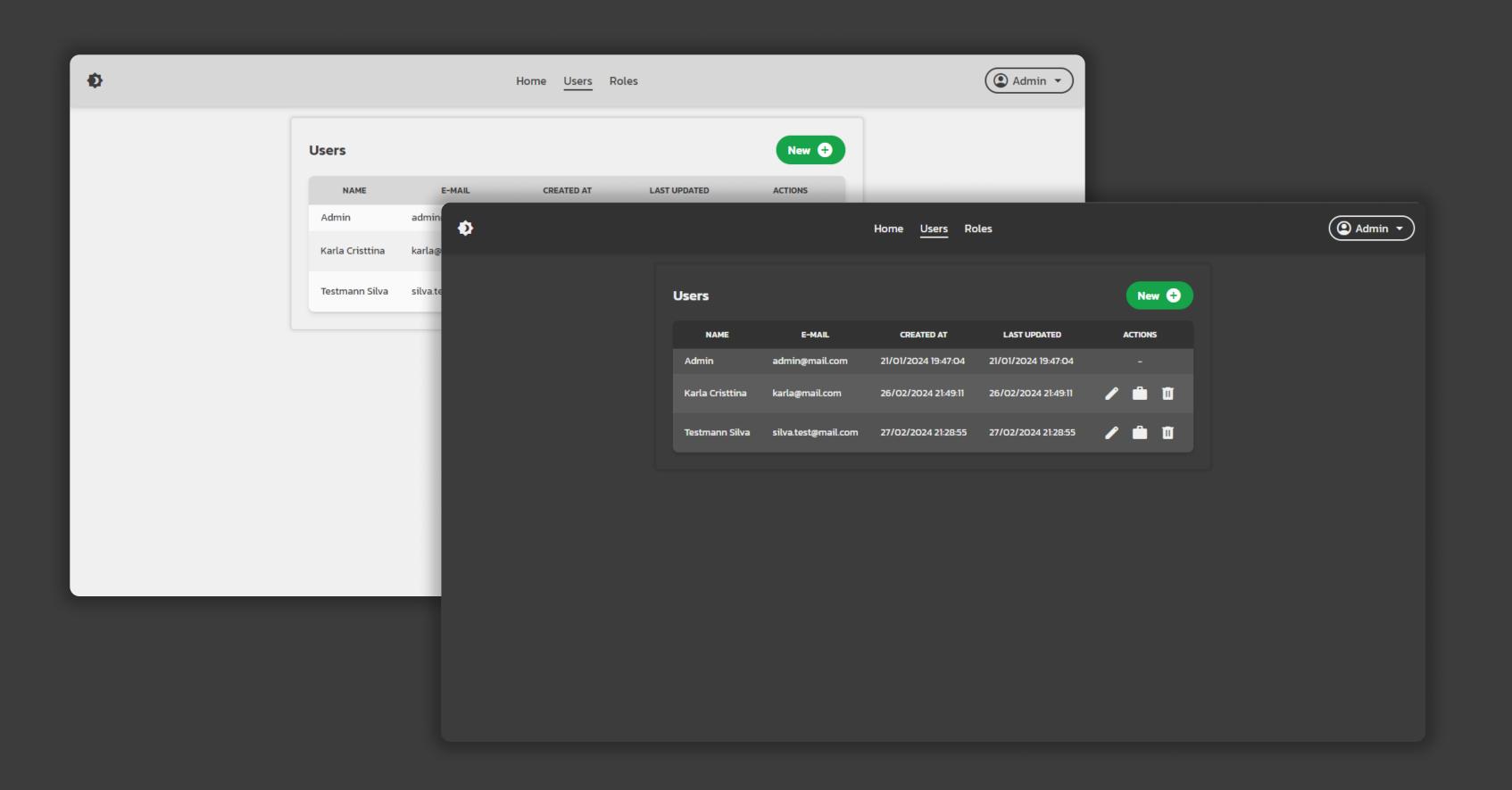


## **Building Views**

I created a Vue.js + TypeScript application to consume the Laravel API, where I implemented:

- Authentication logic
- Code modularization
- Responsibility separation
- UX/UI and dark mode using Tailwind CSS

# Dark Mode



#### Conclusion

Building an entire application can be challenging, but it yields extremely valuable results.

Regarding MyERP, the idea was not only to demonstrate a basic CRUD but to do it in a scalable manner. The base application can be expanded as needed, adding new modules and components.

#### See More!

API Laravel https://github.com/thiagoolivier/erp\_api

Vue.js Web Client https://github.com/thiagoolivier/erp\_web

Portfolio https://thiagoolivier.github.io/

Linkedin https://www.linkedin.com/in/thiagoolivier/