

Retrospective

This section explains how the project between us and in general.

Experience feedback

That's a great project for starting a system of route management and also add features out of the projects so we can learn more individually different aspect and prepare ourselves to the Laravel project.

We also enjoyed creating our own ORM. By creating it, we learn how the most popular ORMs work and what issues they address.

What we liked most was doing OOP. Even though we knew how to develop in OOP, we had some problems with class methods. For example, we didn't know if a method should be in a controller or in a model. After this project, we have a better understanding of how classes should communicate through methods.

What went well?

- The work distribution was very well done, that allowed us to finish earlier than expected in the project duration.
- The communication between us, when we had questions or problems inside a functionality, we could ask each other and get the answer, and learn by our difficulties.
- The discussions we had at the beginning of the project regarding our web development skills (MVC, OOP, etc...) were a crucial part of the project planning as they allowed us to assign tasks according to our levels. This way, we were able to work on tasks in which we were more efficient.

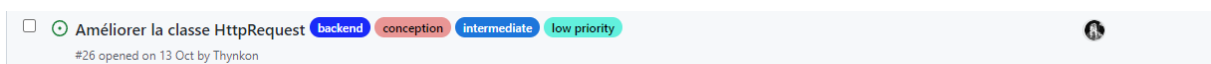
What didn't go well?

- Evaluate the tasks according to their implementation time and distribute them efficiently during the week.
- We had quite a few problems with the route management, how to name them, and which controller to use at certain times because of the way we created them using the same resource controller routes as Laravel.

Work distribution

For this section, we had the choice of starting a scrum framework that allow us to create sprint and implement tasks every sprint or to create a Kanban framework project directly on GitHub, also create tasks and manage the order as we pleased.

We decided to use GitHub Kanban to create tasks related to our repositories, use the tag system to filter assignments by difficulty, design, implementation, priority etc... and assign them to us by creating issues.



The work distribution was one of our best points, we started by thinking of the way we will adapt the existing website to ours. So the first thing we did is to create the documentation needed like the class diagram, MLD diagram and the route management.

With these three documents, we had a global view of the project on the pages to be created statically, how they communicate and how they are called. We started by creating views without any communication with the database. Once our ORM was complete, we then retrieved the data from the database and displayed it in the views. And finally, we added functionality related to creating, editing and deleting table rows.