Jean-Loup Davidson

Bloc 2 Php Final Project

Report

College Herzing
August 24, 2022

Introduction

About the project

In this team project, we had to build a wcms (a web content management system) that was intended to be used by customers with less or no coding knowledge and to be able to update, create, read and delete text, pictures or data on their website.

About the report

This report is to highlight how it was to work for the first time on a team project, the positive and negative points of working in a group. To analyze the problems and bugs that we've encountered and to explain how we've managed to divide the different tasks and workloads.

Analysis

How did you plan on realizing the project?

At the beginning of our project, we talked a lot on how we would manage to separate the tasks. In that way, we could each work on a portion of the program and be as efficient as possible. We touched base almost everyday to see where our teammates were in their assignments and we were able to jump-in and help if needed. The idea was that two of us would work on the backend and the other two would mostly be working on the frontend part and a little bit on the backend too. This plan worked to our advantage as the assignment did go well in general.

We decided to have two controllers and two models for this project. The first controller (AdminController) was sending a request to the first model (DB_Manager) to edit, delete and create a new administrator or a new moderator. Depending on who is connected, if it is the admin for example, he can either create, edit or delete any user of the admin panel. The moderator has the same logic except he can't delete anyone. The second model (DB_Manager2) handles all the data that is related to the front end site, so every query to create, edit or delete text, picture or team members of the restaurant was inside this class. You would make the change inside the admin panel, then the controller (RestaurantController) would send the operation you want to the second model. The model would then update the database based on the request and then it would send it back to the controller so he can finally send the updated data to the view. We created a class that corresponds to every table of the database so it would be easier to manage every section of the website.

Did everything go as planned?

I think overall the project went well, knowing that for the majority of us it was our first team project. We had good chemistry and communication amongst the group and I think everybody was on the same page all along. We were open if someone wanted to make changes or if one of us had a better idea. Nobody was stuck in their way.

Of course everything didn't always go as planned but the majority of the time it was minor issues. For example, when there was a bug somewhere or one of us was having difficulties understanding something, we took the time to fix the problem before going any further.

Problem encounter, solution?

One of the problems I encountered was that I downloaded the wrong document from Andy github, so I thought I had the updated version of the program and I couldn't understand why some of the codes that worked the day before didn't anymore. We went through the files

one by one until Nicholas realized that I had a file missing and after that we realized I was working on the wrong version that day.

Other than that, it was regular problems like bugs or just logic issues. An example of a bug was that my query to insert or to edit something wasn't working because my parameters didn't match the one we had inside the database. The solution for this problem was to insert an id variable as a parameter inside the function so it could match the id of the correct row inside the database.

What makes your application the best ?

I think our application is one of the best because we really tried to make everything simple for the user. We tried to make our application as user friendly as possible so if the person has no coding background he can still make the changes he wants easily.

Conclusion

Did you manage to finish the project?

Yes we did manage to finish all of this assignment, to the best of our abilities. I'm pretty happy with the outcome of the project. I think for our first cms, everything works decently and it's somewhat easy to use. This is not the perfect program of course but I am glad with what we did.

What would've you have done differently?

As far as the team I wouldn't change anything. I think for my first group project everything was great and it was easier to fix problems and bugs with teammates rather than fixing them alone. For the program part, I would find a way to update the information directly inside the tables so we wouldn't need as many pages/files as we have right now.