

ADVANCED WEB PROGRAMMING

OBJECT ORIENTED ANALYSIS AND DESIGN WITH UML

Welcome to our end of semester project!

We're very proud to show you a website that has all requested (working) functions, a nice welcoming CSS and it will leave you wanting to let us take care of your animal for you!

At United Animalia we care for all pets! From giraffes to hamsters, everyone is welcome across our four different shelters across the world.

Once signed in or after creating an account, as a client you have the possibility to add your pet to be taken care of in one of our shelters.

But if you are part of the UA team (staff member), you have more responsibilities, such as removing a pet after giving them back to their owners, registering new clients, adding a shelter if one is being built or even update information about another staff member!

Welcome to United Animalia!

In these pages, two of our brightest members, Gabriel and Marie introduce the software design behind our website, trying to make you understand all the work that was put behind it!

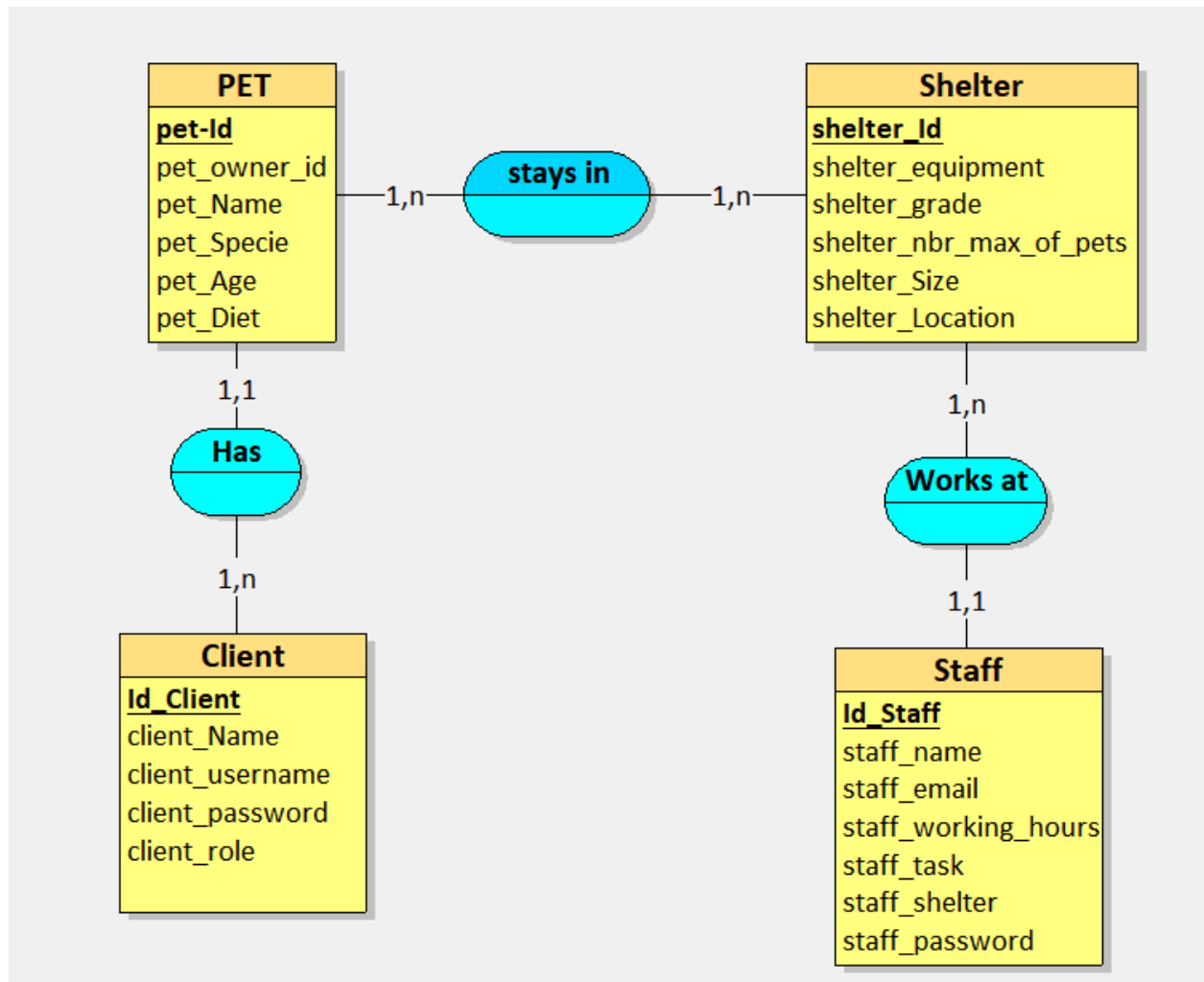
Here is a little summary:

I] Entity Relation Diagram

II] Marie's five beautiful diagrams

III] Gabriel's five mind-blowing diagrams

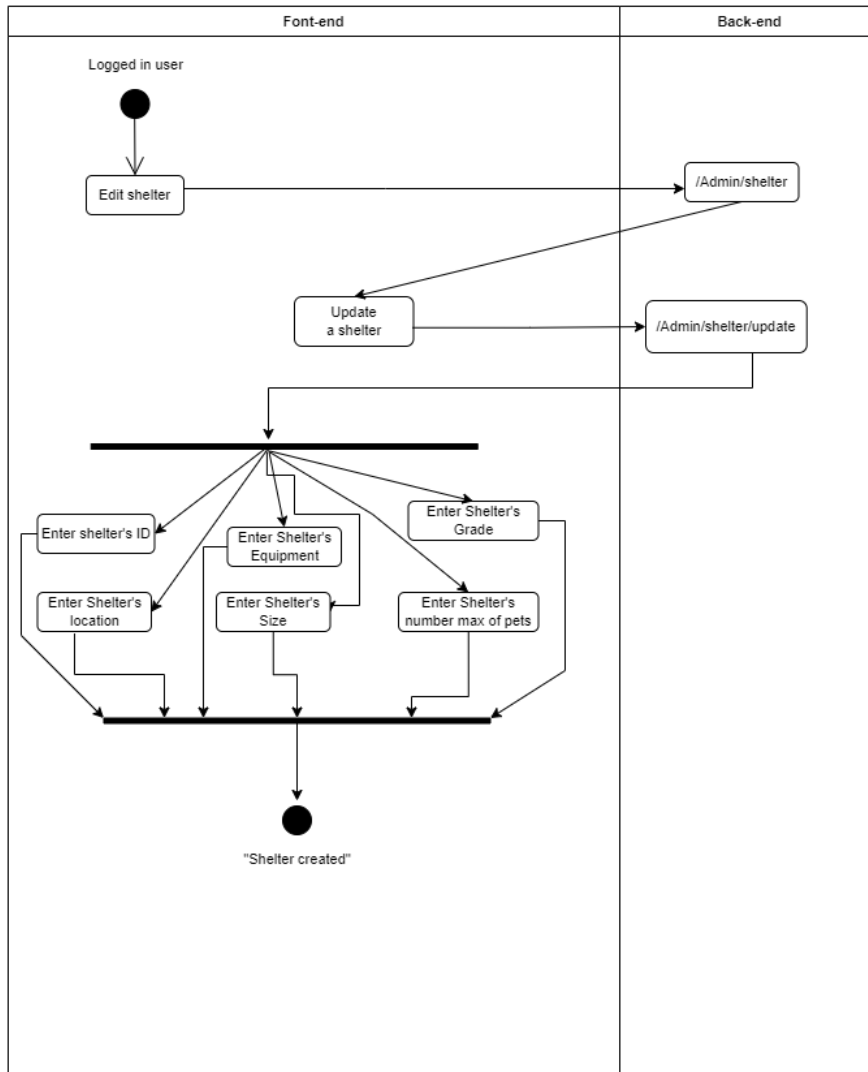
ER MODEL



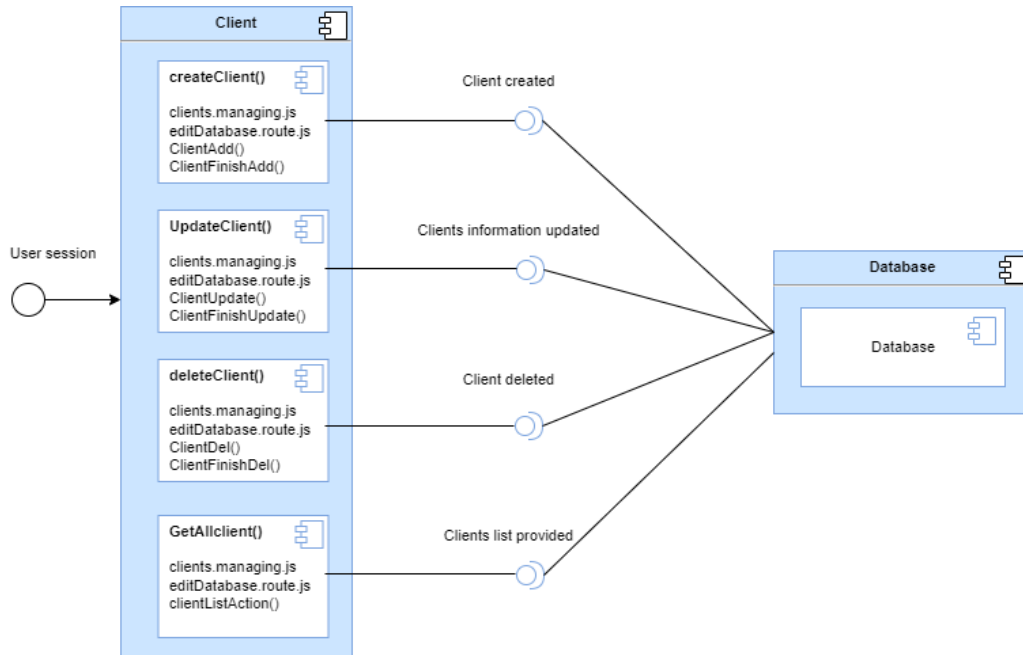
This is our ER model representing our database and how all the data is related together.

Marie's Diagrams

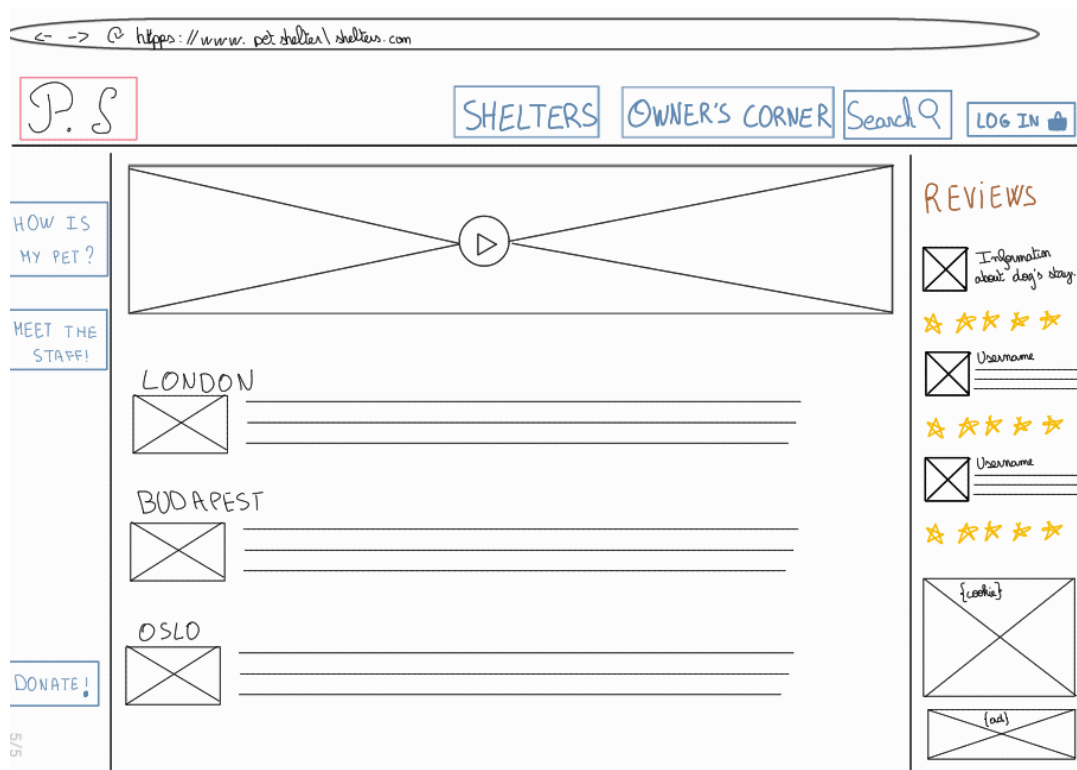
Me concentrer juste sur create shelter



Here is my activity diagram. It represents what happens (mostly on the front end and a bit in back end) when a staff member wants to edit the shelter table by updating its information.

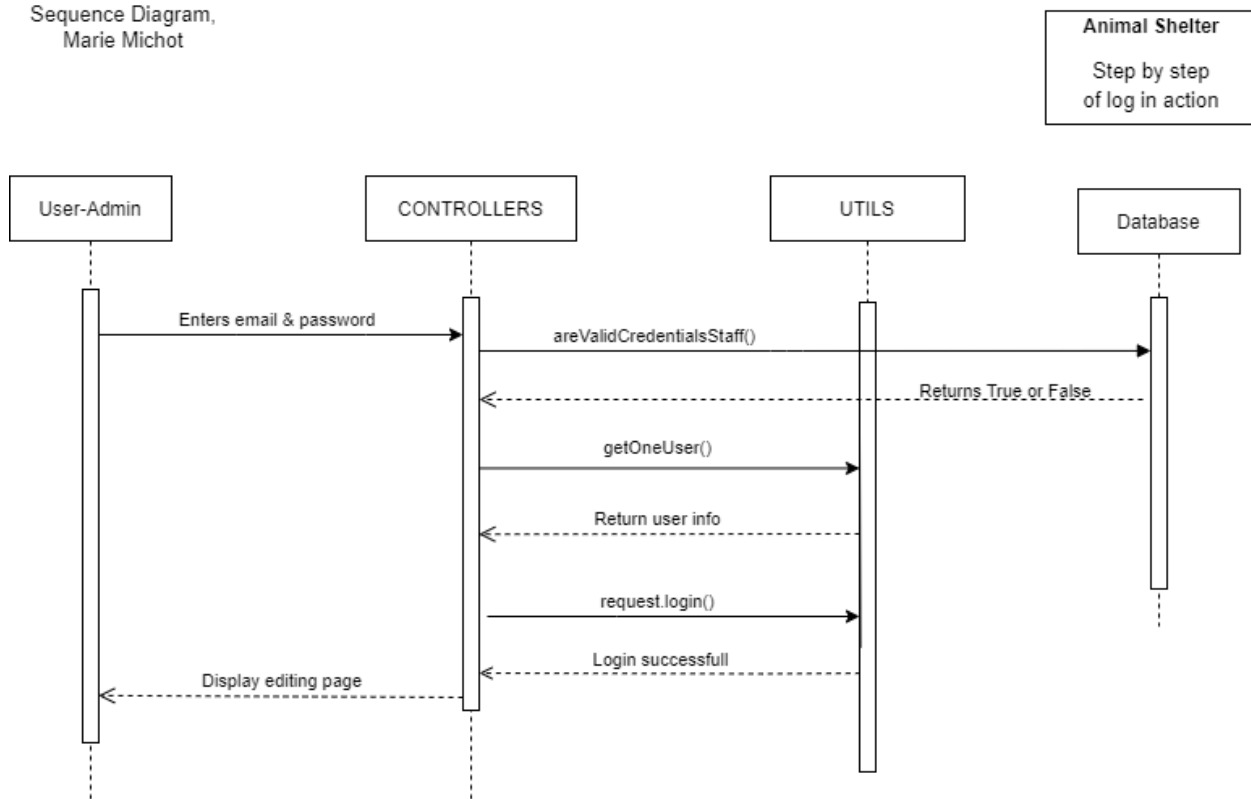


On this component diagram I tried to interpret what was going on when a member clicked on the /Admin/client page and what were the choices he could make.



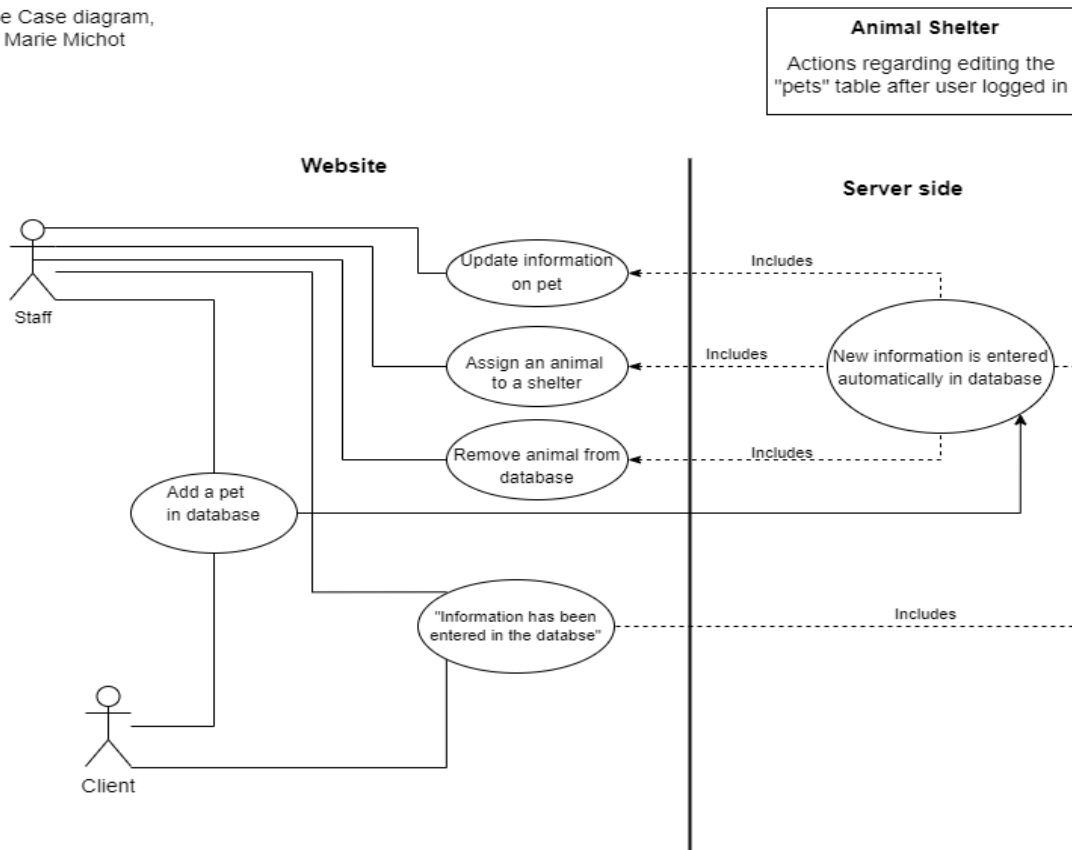
Original Wireframe diagram, I think the actual website looks very much like it.

Sequence Diagram,
Marie Michot



Here is my Sequence Diagram. It represents an in-depth view of the login process. Starting with the website view and passing through controllers, utils and finishing off with the database.

Use Case diagram,
Marie Michot



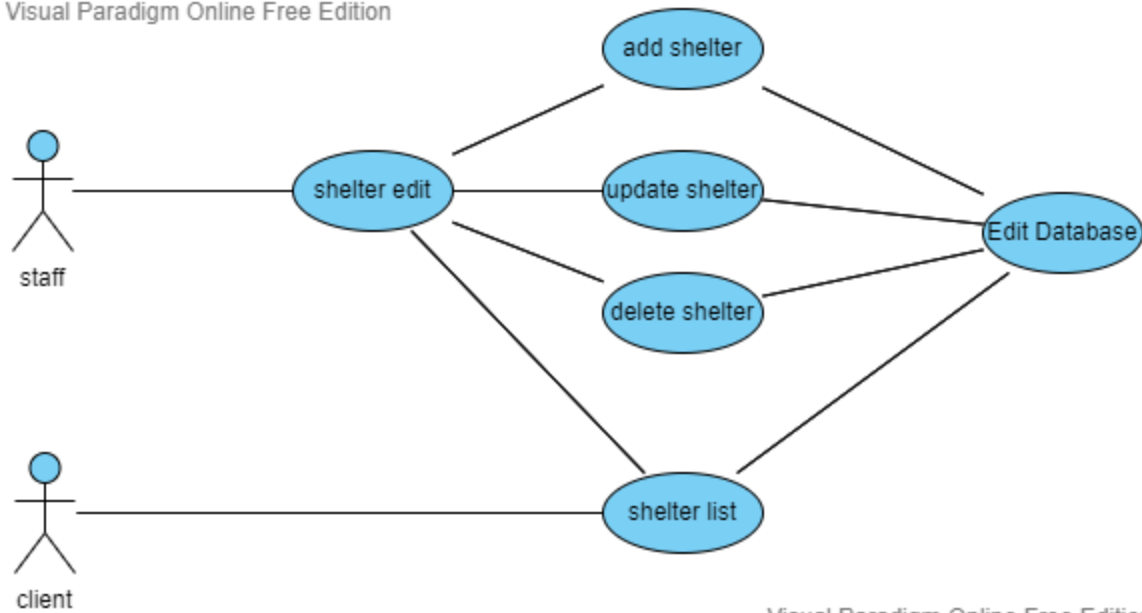
Saving the best for last, here is my Use Case Diagram. Presenting what a human -staff or client- can do, from updating information, removing an animal from the database or adding one, this diagram resumes it all.

Gabriel's Diagrams

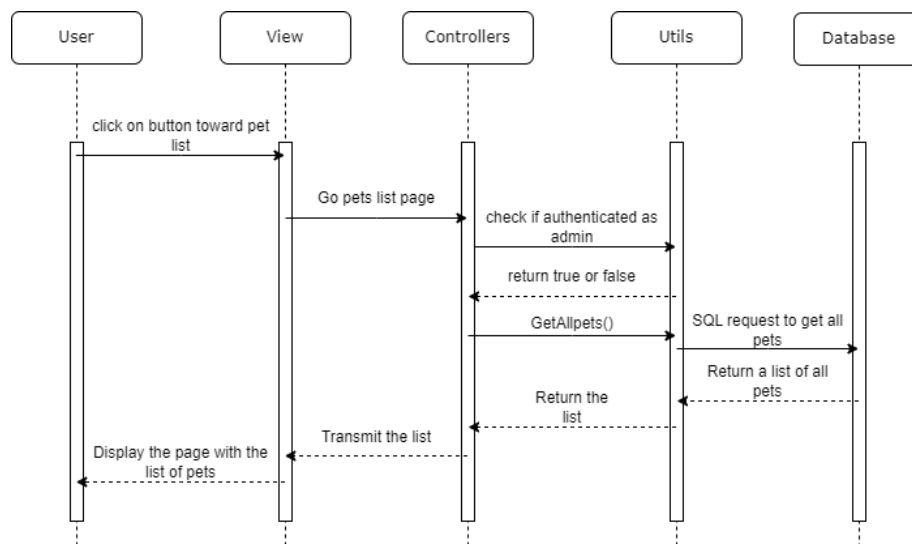
Welcome to united animalia



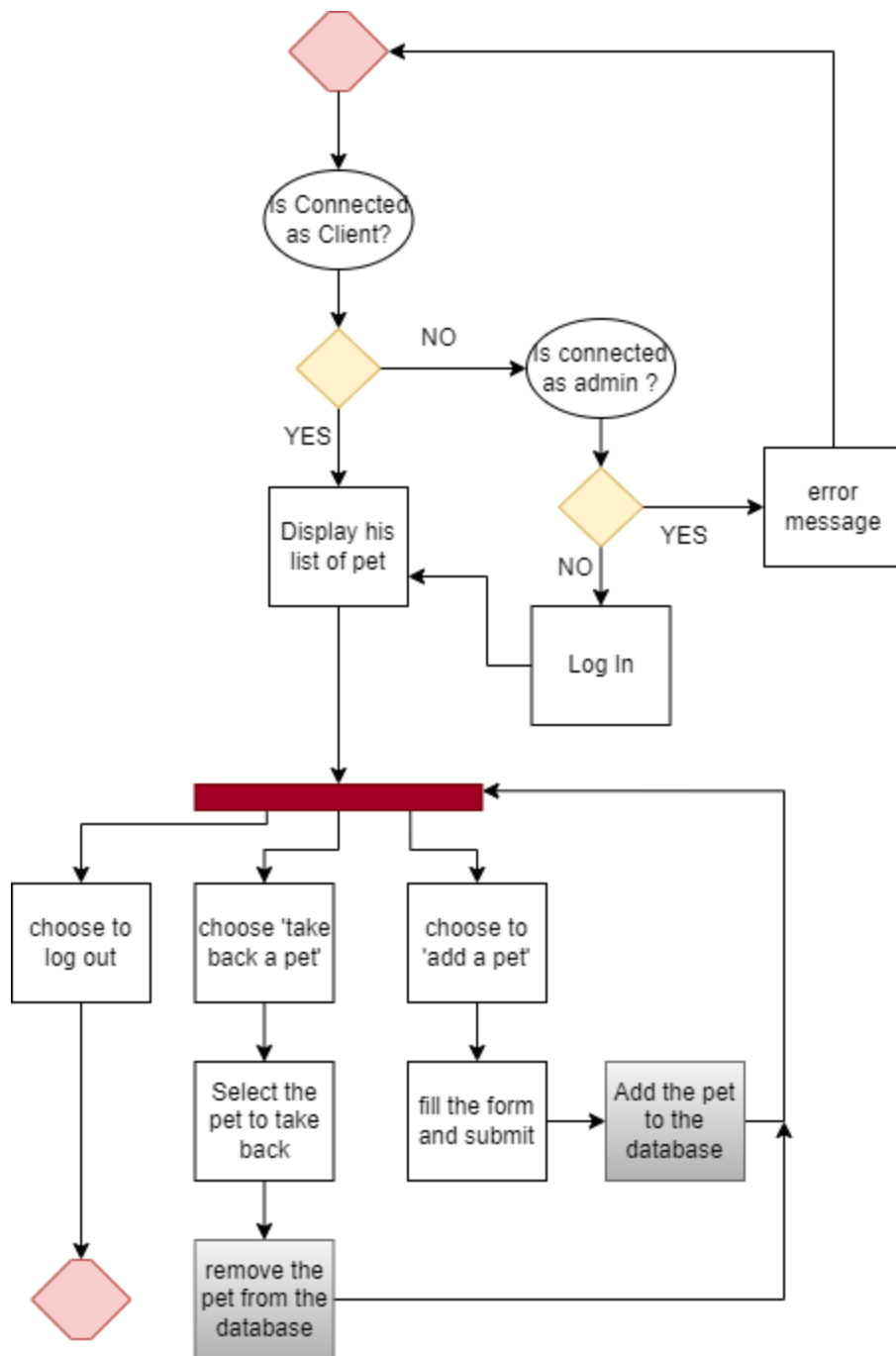
This is my wireframe diagram representing the Admin main page !



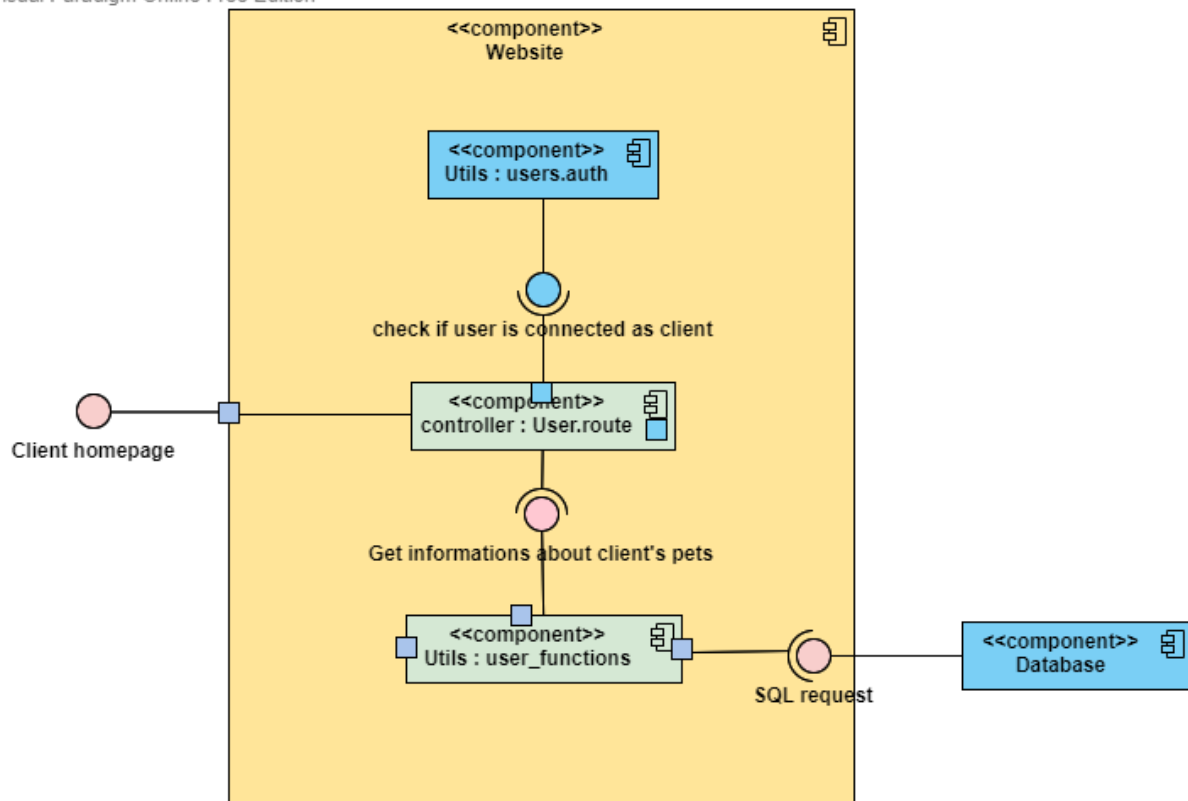
This is my Use case Diagram representing the use of shelters on the website



This is my sequence diagram for the page showing the list of all pets in the database.



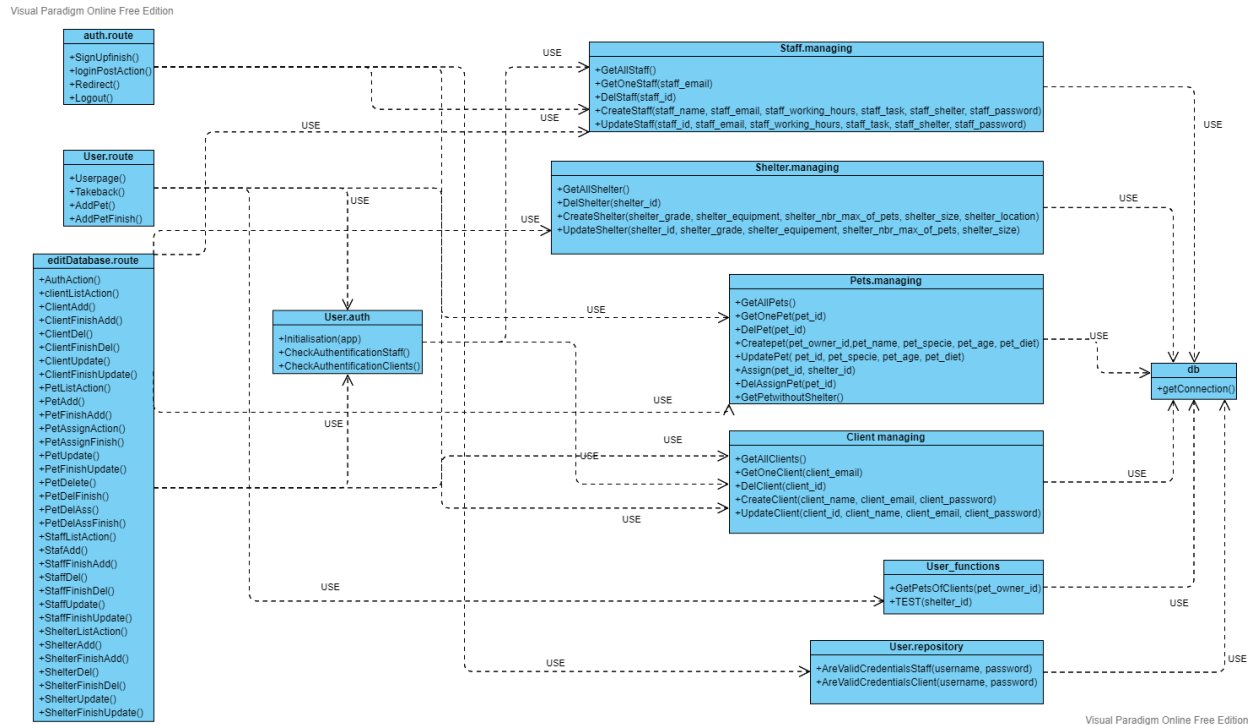
This is my use case diagram representing the user interface and his possibilities



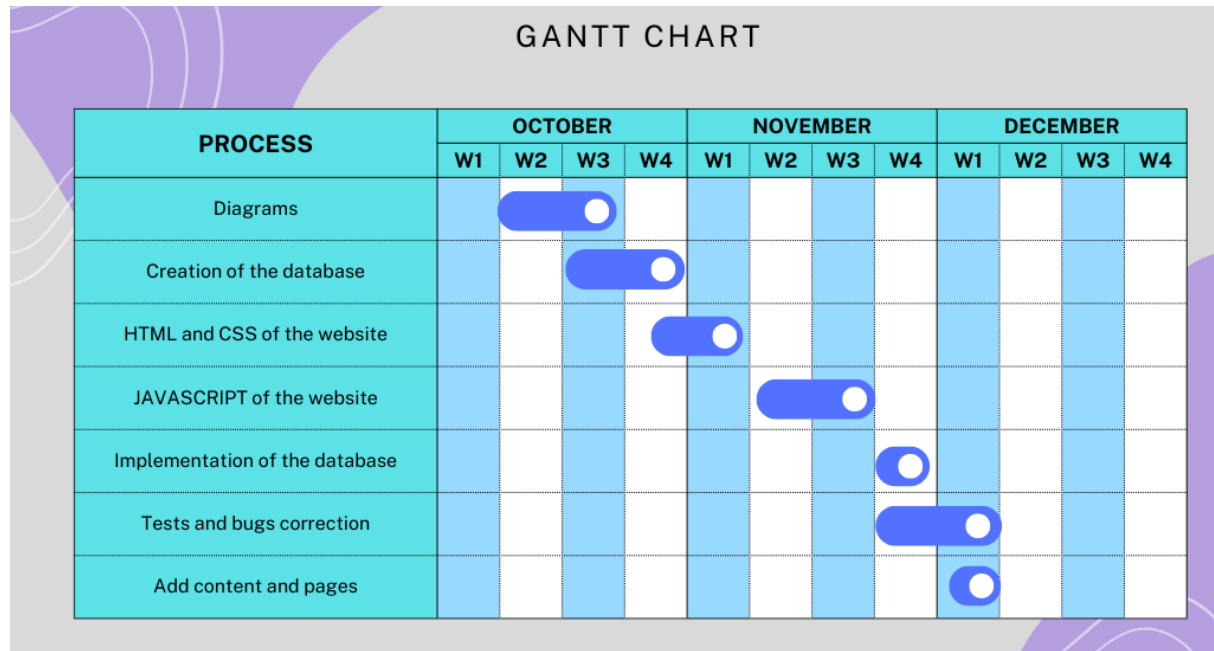
This is my component diagram for the client homepage

Class Diagram

This is our class diagram representing all our controllers and repository/utils files with all the functions they contain.

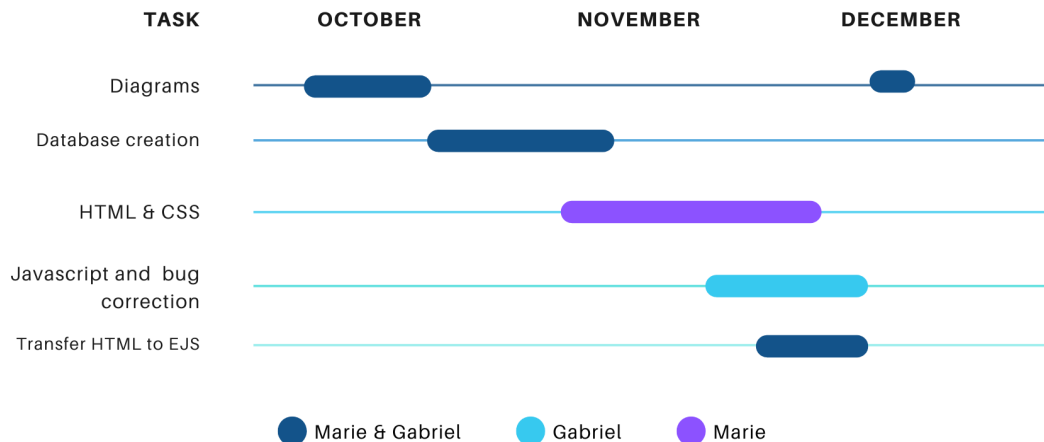


Gantt Diagrams



UML WEB PROG PROJECT

GABRIEL AMANOU & MARIE MICHOT



And finally these are our two GANTT diagrams. The first one is from the beginning of the project and the second one was made at the end. We can see that even if some tasks were longer than we thought, generally we think that we have respected what we had planned.