

# Project of Web technology : *we sale !*

---



---

*Clémence Hien*  
*Julien Lecœuche*  
*Xingchen Li*  
*Grégoire de Mentque*  
*Clothilde Zenone*  
*Pei Zhang*

---

**ISEN**  
ALL IS DIGITAL!  
**LILLE**



---

# Introduction :

As part of our schooling, we were asked to create an e-commerce site through our learning of Web technologies. In these lectures we have approached the following languages: HTML, CSS, PHP, MySQL. With this in mind we created our selling website We\_sale with the database db\_projet. We were given during this project to learn various skills of web development in group.

- 
- I) Subject presentation
  - II) Difficulties overcome
  - III) Successful achievements
  - IV) Auto-evaluations of the project's students
-

---

### **I) Subject presentation :**

Our site is broken down into several parts.

Firstly, the user part where the user is offered several choices. He can identify himself as a user or create his account.

Then, the customer can also search for a product through the database db\_projet and add it to his cart. This database is the second part of our site. It contains several information, centralising data entered by the customer when registering on the site but also the various products that we offer.

### **II) Difficulties encountered:**

The main difficulty of our group was taking over GitKraken. Its use was quite complicated for us. Our GitKraken learning has often slowed us down. At the beginning of the discovery of this software of code's sharing, the notion of branch and its functionalities were unknown to us and difficult to apprehend.

The mastery of the MySQL and its apprehension with PHP were initially laborious and due to an unknown problem in our code we spent several weeks trying to make our user sessions working correctly.

### **III) Successful achievements:**

The fact that our site is functional and that they meet the specifications that was submitted is a success.

Despite some recurring problems we are satisfied with the level of development and understanding we have acquired during the project.

---

We are a multicultural team. Thus, we are proud to have realised this project in English. We think it's important to know how to work in multicultural teams and to be able to adapt to each other's abilities in English.

#### IV) Auto-evaluations of the project's students

Clémence Hien: I have taken part in the development of several pieces of pages as I tried to be available to help everybody and keep some cohesion between the works of each. I mainly worked on the header files – html, css, php - and on the database applications in the webpages with Clothilde. I've learnt a lot about the web languages and GitKraken. I am a bit frustrated as I think I am not able to manage PHP and MySQL so that they interact together correctly. This first website makes me want to learn more and practice more. I would score my results 6/10 because of my motivation and implication despite all struggles at the start. These consisted to make sure that every teammate has understood and chosen the task that suited him, solving some hesitations about GitKraken and bugs in codes due to the use of different versions of php.

Julien Lecoëuche : The project was difficult in my point of view. We began without a real management so we had problems with the times. But after 2 weeks we did it to improve our way to work. Thanks to the project I understand better how to develop a website and with the practice I understand the theory. In my part I have done the products.php in the beginning. Then I try to do the add of one product in the cart. And in the third week I worked on the index.php to link pages. And to finish I coded the user connection.

About the team work, I think despite of the difficulties in the beginning we did manage to do a good website and we manage to meet each other in group to move forward together during the week.

Personally, I score myself at 7/10 because of my investment and what I did on the different parts with other.

---

### Xingchen Li :

In the whole process of this project, I've done the footer.php, modified the createAccountPage.php by making it possible to have the data of new client transferred to the database, and made necessary judgments and reminders when the user fails to fill in his personal information correctly when becoming our new clients, and helped to solve the errors occurred when programming together with my teammates. What's more, I've learned how to cooperate and communicate effectively with my teammates, how to use the GitHub/GitKraken, how to search information in Google sometimes and I've had a deeper understanding of the related knowledge and technology of the php, the html, the css, the database, the basic structure of a website and the basic system of the web. If I need to give myself a score or an evaluation, I think it might be 7.5 and the reasons are as followed:

- (1)Although my work is not so good-looking, there isn't any error in the final version;
- (2)Until now, I'm not a total rookie any more and I think I'm able to work out a simple website just by myself now.
- (3)However, there still exists many things that I don't know and I need to keep myself on learning and using.

### Grégoire de Mentque :

I participated in several project parties. I tried to participate in every page of the project to learn as much as possible and understand the tasks that were done inside it. I learned a lot of things in this project; Teamwork via GIT Kraken, which I still have a bad grasp of, PHP, HTML, CSS, and SQL are languages that I have discovered better in this project. My knowledge remains fragile, but I'm starting to understand how everyone works and how to use them effectively. I am not particularly doing the work that I have provided because I would have liked to do better and achieve better things for the group.

I mostly managed to do something about CSS and HTML. For my participation in the project and what I have done, I rate myself 5.5 out of 10. I compare this score to that on 20: 11/20. I have more than 5 because I participated regularly in the various tasks

---

requested, but I note below 6 because I did not realize much of the project without mistakes or in good condition.

Clotilde Zenone :

In this project, I mainly worked on the managing of the cart and on the interactions between the customer server and the SQL database.

Before starting this course, I knew almost nothing about web development. This course learned me naturally so much. Now, I know the HTML, how to apply a style to an html page. I also know and understand the basics of the php language. Finally, I learnt to let a php page interact with a SQL database.

I think that 7/10 would be a fair grade for my work. I contributed to fix some problems with the others, manage to part of the cart and most of the interactions between the page and the database. However, in the end of the project, I couldn't succeed on synchronize a cart with an user since there are some log in issues with our project.

Pei Zhang :

I participated in the Search product result list, Search product result display, Products display, Controle user access, Manage user creation, and worked with my teammates to solve problems on other pages.

I learned a lot from this course and project. Starting from the basic learning of static web pages of HTML and CSS, to the subsequent knowledge of PHP and database. I have a basic complete understanding of the process of building a web page. This project gave me the opportunity to further practice what I learned about web. In the process, the knowledge of this knowledge is becoming more and more proficient, and the writing of code is becoming more and more standardized. Moreover, I learned to coordinate and cooperate with teammates by using GitKraken. At the beginning, because of the unfamiliarity with this software, we encountered a lot of trouble. Later, after some help from the professor and some information on Google, we can already use this software to integrate our pages smoothly.

---

For this project, I think I can give myself a score of 8.5 / 10. First of all, I am sorry for some unexpected problems that my mac brought to our team. For my tasks every week (whether the exercises after the weekly course or the part of my project), I think I have worked hard enough and completed before the deadline. They all work properly on my computer, but due to some unknown issues, not all parts can be displayed normally after pushing in git. When I found this problem, I tried my best to solve it to ensure the normal display of the webpage. At the same time, I am actively involved in solving problems that arise in other parts of the project. Working with teammates to create a website of our own has brought me a lot of satisfaction, this project is a great experience

### Conclusion:

We enjoyed working on a project like this. It was very interesting and informative. It was an opportunity to work together and to discover together the path of creating a website. This has been an opportunity for the group to gain experience and broaden its range of skills. Our struggling to communicate and develop effective code has been overcome by mutual support and the motivation of every member of the group to understand and take part to the development of an e-commerce website.