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Web Programming

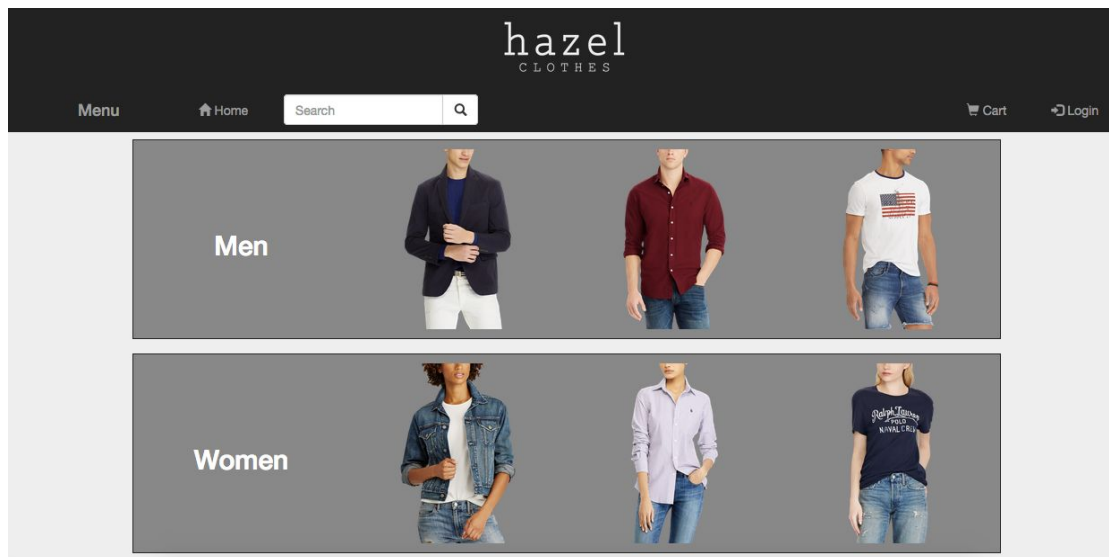
Hazel Clothes

I- Projet Description

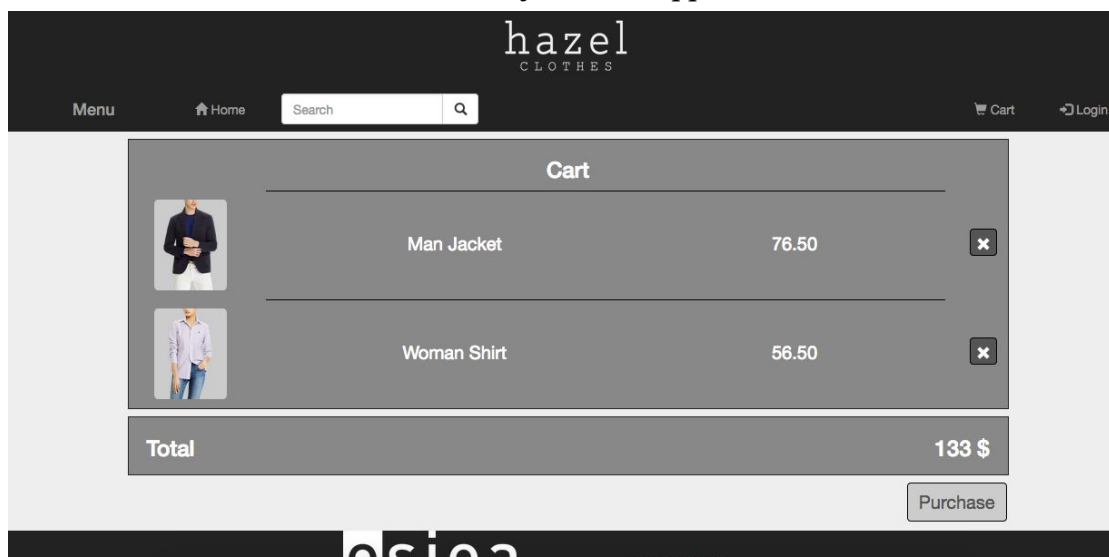
Our project is an e-shop web application named Hazel Clothes. You can find different categories of clothes (e.g. women, men and children), and several types of items.

You can add your goods to the cart, you can remove them, and finally you can decide to purchase or to delete it. This web application is for everyone who wants to buy some fancy clothes. We also created a product description view to enable customers to have all the details concerning the product, to post a comment, or to add it to the cart. You will also find a login view where the client can enter his email and password to connect.

You will find in our web application all the requirements requested. For this project we used Bootstrap for the design. We also used Node.js, Vue.js and of course HTML and CSS.



Screen of our web application



II- Conception steps

We decided to elaborate a clothes e-shop because we found that all the requirements were reunited.

For the first part of the project we put a lot of efforts for the design (css) but we realized that wasn't the most important. So after we were more concentrated in understand all about Vue.js and Node.js because they were two points we really learned during this project. When everything was learned we started to divide the work. But at the beginning of the project we were convinced that we need to have different files of HTML to be clearer. But It wasn't true for this project. Quickly we took the decision to use Bootstrap to win time. So we did the first page (the front) and then we started to do the Vue.js. It took time to have something working. So how Vue.js works? In our project we have 4 files : style.css, client.js, index.html and server.js. In the server.js you can find all about the connection with the server and specially with express, in fact all the Node.js it's in this file. In style.css it's only about the design of the application. In client.js you can find the most part of the Vue.js: ids, informations about the methods, functions you need to build the app. To finish, the most important index.html you can find all about the front of the project all you will see in the web application it's in index.html, the root of a web application without this file we couldn't see anything.

The second part of this project was to decide where host the web application. After some research we decided to host it on Glitch. Infact, Google was more difficult to put it in. When we succeeded to import the project, we found the backup between us really easier, and we could work instantly.

We found several difficulties during the project, one of the biggest was to select a item and add it on the cart. Also import the project on Github was can of difficult because we completely forgot how we need to do. For some reasons, we didn't succeed to have a functional login, and a functional comments. We were really closed but unfortunately no time and maybe we took a wrong way to start. Because we really wanted to do a sort of database and It wasn't necessary.

To conclude, we are really satisfy about this project. It's the first time we have a project to do in a short time. We learned a lot with the teacher but also by ourselves and I think it's a good point.