

Web project: Report.

Team – Jean Notéris and Antoine Teboulle

Summary -

1. Knowledge with: Html / CSS / JS (Vue.js) / Node.js / Git-Hub.
2. Organization of the project
3. Difficulties and solutions
4. Way of amelioration
5. Work done

Web project's introduction:

The idea of the project was to build a complete website by group of two and to use several technologies in order to respect some rules. The website we made is a simple questionnaire (it's not a professional website we want to do something funny by adding some jokes).

We had to build an interface between the user and a server to have a real interaction and a return of the data (ex: your personality reveals this like 70% of peoples who try this test).

Also, the site had to be done with a registration of the user and a login page.

All the project needs to be done between the 27/08/2018 until the 7/09/2018. It's a short duration and we didn't success to conclude our project like we want. Those weeks were really busy, and we had other projects which didn't allow us to work as we want.

However, we discover new applications and languages which are really useful, and we perform our skill in other disciplines that we already know.

It was fun and interesting to do this project our only disappointment was to have the impression that we didn't finish the work.

1. Knowledge with: Html / CSS / JS (Vue.js) / Node.js / Git-Hub.

Build a website required expertise in several domains that we may have never seen and others that we worked but maybe not enough to be fluent with.

Here are resume all the applications and language we used during our work. There's also a brief description of our level with its.

- Of course, html “this is the standard markup language for creating web pages and web applications.” (cf Wikipedia). We already worked with it in practical works during our third year.
- The CSS “is a style sheet language used for describing the presentation of a document.” Also used for our third year we didn't focus on this language and we preferred to have a functional website better than an esthetic one.
- The Java Script and the extension Vue.js is a language which allow to create animation and dynamize a website. Vue.js was something new for us it' is “an open-source JavaScript framework for building user interfaces.” Our level with Java Script wasn't really high but we manage to use it as we wanted. We found Vue.js really effective but we didn't have enough time (less than 2 weeks) to use it as we want, and we only create some easy application with it (2).
- The thing that give us the most difficulties was Node.js which “is an open-source, cross-platform JavaScript run-time environment that executes JavaScript code outside of a browser.” It allows to create an environment in the server side. We never had to use this application and learn to use it in a short time didn't help us!
- We had already heard about Git-Hub, but we never worked with it. It wasn't a difficult technology to understand (only basics I mean) and we success to charge all our project inside.

2. Organization of the project.

Build an entire website in less than two weeks isn't easy and ask some organization.

As we were two we decided to split the work in way to be more efficient. One of was doing the front end while the other one did the back end.

The frontend concern languages that we already know (or which were intuitive with Vue.js) and only had to be improved.

The backend was a part that we have to fully discover and need a lot of researches.

3. Difficulties and solutions.

For the creation of the website, the main difficulties were about the questionnaire when we wanted to set an animation for each result (of the questionnaire).

We had trouble with the backend part, we misinterpreted some instructions that were requested.

This project was not really our strong point but we still wanted to try to go as far as possible.

4. Ways of ameliorations.

Our greatest problem was to not be able to create a user interface and to stock the data online or to return a statistic about results.

We had a code which should worked but when we try to implement it on Node.js it just made bug all the site, so we don't.

Secondly there are some little bug we found lately, and we forget to correct (specifically with the appearance of images when the questionnaire is finish, if you press several time on the button validate it will make both images appears).

5. Work done.

Jean NOTERIS

Creation of the website and redaction of the report:

Html - Home.html / Contact.html / Login.html / Register.html / test.html

CSS – Home.css / Contact.css / Login.css / Register.css / Questionnaire.css

Java script - Vue.js / Questionnaire.js

Drawings of the meme (a lot of fun with it !!!)

Antoine TEBoulle

Creation of the back end

Node.js and Express - set the site online

Git-Hub - download the project and send it

With a little more time, we feel we can make a better project and especially improve in this area.