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2. Semester PBA in Web-development

Modern Frontend Development

URL: www.soer792e.netlify.com

Github Link: <https://github.com/soer792e/mini-project>

Problem Statement

The assignment was to code the web-design with VUEJS, HTML5, SCSS/SASS, it was allowed to use a frontend framework.

In the process different frameworks have been tried out, Bulma and Bootstrap. The framework that I know best of those two was bootstrap so that, in the end was what I went with.

There were some requirements to the assignment, the website should have four pages, Homepage, Brandpage, Productpage and the Registerpage. The following functionality should be made with VueJS, loading product info from a json onto the homepage and product page, there should also be some form validation, and you should be able to navigate between the four pages with the implementation of routing.

In the end the project should be available at a public URL in a builded form, and on a public/accessible repository, uploaded the project to fronter in a zip folder without node\_modules and then lastly the process documentation in form of a report.

Technologies & Tools

**Tools:**

Visual Studio Code + extensions for VUEJS

Terminal – Controlling NodeJS Server, building, and running the project, plus uploading the project to git.

Photoshop – Getting the pictures, colors, sizes, fonts etc.

Netlify – to publish the builded project

Bootstrap 4 – a frontend framework used for rapid prototyping and developing

**Technologies:**

**HTML5**

**CSS3 / SCSS**

**JavaScript / VUEJS**

Implementation Process

The way I did the project was first to decide how I would structure the components, what should include what, and what should the component do.

I started doing the topbar and navbar, and after that I roughly made the bottom part of the design also, I placed the respective html and styling in their own component, so I easily could reuse them on the App.vue page so that they would be included in the whole project. I first tried Bulma, but when I realized how little time I had, I had to speed the developing up so after a couple of hours playing around I Bulma I decided to use the framework that I know the best, Bootstrap, even though that I I am used to work with version 3 I decided to use the version 4 because of the requirements in the project that we had to use flexbox or/and css grid.

Conclusion