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IMS Informatik Mittel Schule

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M293 Website

As part of Module 293 at Gibb, we were tasked with learning how to create websites using JavaScript, CSS, and HTML. The emphasis was on using practical methods, such as customizing pre-defined CSS templates or working with platforms like WordPress. However, for the final project that was to be graded, I chose to code everything myself to gain a deeper understanding of the process and enhance my skills.

Initial Situation

In Module 293 at Gibb, we had to work on creating websites using JavaScript, CSS, and HTML. Initially, we worked with pre-defined CSS templates, such as a W3Schools template, which we were required to customize. This approach reflected the reality that many websites today are not entirely self-coded but are instead created using templates or platforms like WordPress. For the final project, which was graded, we were asked to create our own website. However, there were no specific guidelines on how to achieve this. I decided to code everything from scratch without using templates to better understand the entire process.

Goal

The goal of this project was to create a website that serves a specific purpose. I chose to develop a website that could be used as an application homepage, incorporating various features made possible through JavaScript.

Implementation

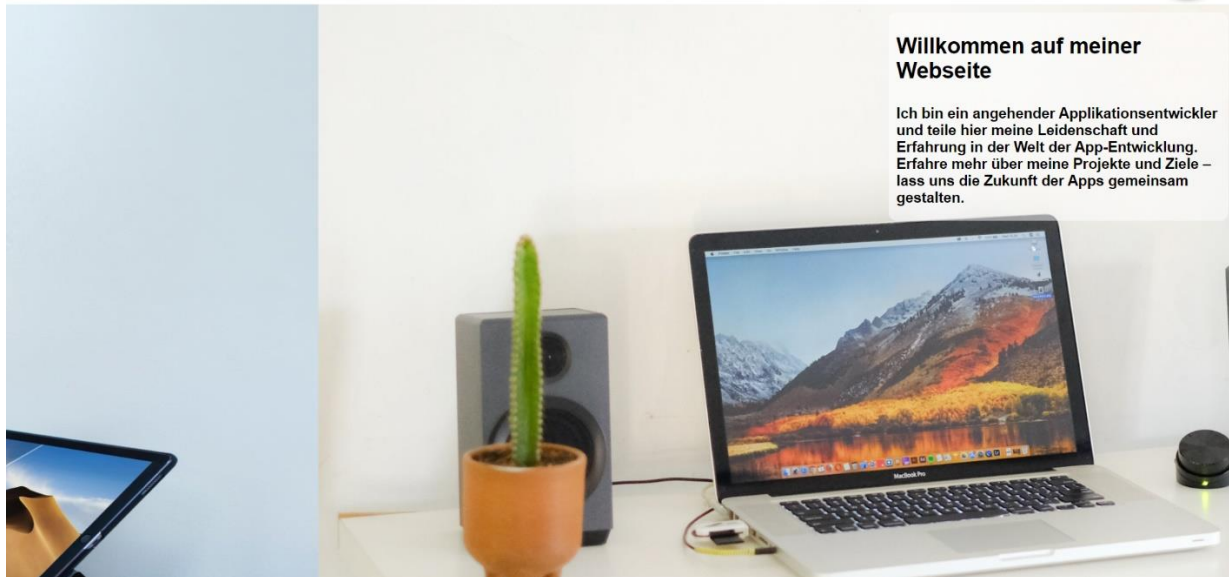When it came to implementation, I was able to start with confidence, as I had already worked with JavaScript, CSS, and HTML. I encountered no major issues and progressed well. I implemented many features, such as a small clock at the top of the webpage and a search function. I also set up a small private area and integrated a slideshow on one of the pages.

Result

I was satisfied with the result. I was able to earn extra points with the search function and the clock. The private area was functional, although it was not particularly secure as it was created solely with JavaScript and without a backend. Nevertheless, I was satisfied with the overall outcome.

Insights

I gained several insights from this project, particularly in JavaScript, where I learned new techniques like LocalStorage. I also learned how to effectively use website templates to work more efficiently. Additionally, I picked up several useful CSS tricks that significantly improved my design skills.

Screenshot from home

Screenshot of the login