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Semester Project 2

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Design

The semester project 2 proposal was easier to engage: A tennis shoes online store is a very ordinary thing – not to mention that almost everyone has bought at least one sneaker in a lifetime in one way or another.

I created the icon thinking of how these shoes could provide cushion for impacts and allow for comfort. The orange corresponds to the sneaker symbol while the grey oval is a stone, which is oval because the stone becomes soft to the tennis wearer.

The colour palette was taken from one of the API images. The background texture is reminiscent of asphalt¹ because it's a wonderful way to run.

What went well on the project

I spent many days testing the colours and their combinations. I tested the WCAG on many websites² and also with the Google Chrome plug-in. The WCAG had always been one of my main concerns.

I used three fonts in this project: Gitan³, Skolar Sans⁴ and Payback⁵. The last one was suggested in an article⁶, like one of the best running fonts.

I liked the style result, and I tested the design with my colleagues and husband. They improve my choices, and the final result is not perfect, but I think it is good enough.

What was difficult/didn't go well on the project

Inserting the edit form in the middle of the rows on the products page was challenging. It still did not work as I would like to, so I moved the edit form to another HTML. Due to an API fetch problem I could not workaround, I also had to move the editing form to the products page. In order to keep the same form for adding and editing, although in different places of the page, I chose to put the editing form at the bottom and the adding form at the top.

What would you do differently next time

I had some issues with using Bootstrap⁷. The framework itself is excellent, but sometimes I prefer to style everything through SASS. I'd rather

1 MO, Atle. *Asfalt (Dark)*. Retrieved February, 2022, from: <https://www.transparenttextures.com/>

2 webaim.org (2022). Retrieved February, 2022, from: <https://webaim.org/resources/contrastchecker/>
contrastchecker.com (2022). Retrieved February, 2022, from: <https://contrastchecker.com/>

3 RUNGE, Florian. *Gitan*. Retrieved February, 2022, from: <https://fonts.adobe.com/fonts/gitan>

4 BŘEZINA, David; JEVČINOVÁ, Sláva. Retrieved February, 2022, from: <https://fonts.adobe.com/fonts/skolar-sans>

5 GARROW, Jayde. *Payback*. Retrieved February, 2022, from: <https://www.dafont.com/payback.font>

6 hyperpix.net (2022). *50+ Best Free and Premium Running Fonts*. April 18, 2021. Retrieved February, 2022, from: <https://hyperpix.net/fonts/running-fonts/>

7 getbootstrap.com (2022). Retrieved February, 2022, from: <https://getbootstrap.com/docs/5.1/getting-started/introduction/>



be free to manage all styles, once it is helpful, for instance, to handle the forms or grid patterns.

For the next assignments, I hope I have become more confident with using Bootstrap and applying it for all style related tasks.

Technical

What went well on the project

I dedicated a precious amount of time to working on the details. My semester project could lack in many things but dedication. I am very proud of this result because it is stable and working fine: The API calls are working, as well as the JavaScript programming. I feel like I've created a good UI and UX.

What was difficult/didn't go well on the project

Fontawesome.com⁸ updated their collection, so I had to obtain icons from remixicon.com⁹ – a problem easy to solve.

Managing pictures with different properties sets was challenging: I used more than one JavaScript function to do that because each one writes a specific code in the HTML. This approach is not the best one, but for now, it is working.

I had a stable version and, only after that, I start improving my JavaScript code: I added a video on the homepage, added the number of the products purchased right above the shopping cart, and, at last, I kept only one form to handle both adding and editing products. I invested a significant amount of time doing it, and I used some coding that was new to me, like the "addEventListener("click", showForm.bind(Event,));"¹⁰.

What would you do differently next time

I will put some focus on planing, at the very beginning, in order to avoid the exceeding and time-consuming code-writing rounds.

8 fontawesome.com (2022). Retrieved February, 2022, from: <https://fontawesome.com/>

9 remixicon.com (2022). Retrieved February, 2022, from: <https://remixicon.com/>

10 TKALENKO, Oleksandr. *Answer: How to pass arguments to addeventlistener function*. Apr 12, 2014. Retrieved March, 2022, from: <https://stackoverflow.com/a/23024673/13066463>



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