A screenshot of a cell phone

Description automatically generated

Semester Project 2

Priscila Kuhn Derlam

# Design

The semester project 2 proposal was easier to engage: A tennis shoes on-line 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 asphalt[[1]](#footnote-2) 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 websites[[2]](#footnote-3) 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: Gitan[[3]](#footnote-4), Skolar Sans[[4]](#footnote-5) and Payback[[5]](#footnote-6). The last one was suggested in an article[[6]](#footnote-7), 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 Bootstrap[[7]](#footnote-8). The framework itself is excellent, but sometimes I prefer to style everything through SASS. I’d rather 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.com[[8]](#footnote-9) updated their collection, so I had to obtain icons from remixicon.com[[9]](#footnote-10) – 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]](#footnote-11)".

## 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.

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