

# Project 2, Report: COP3813/002

## **SET UP: BOOTSTRAP, CHROME, NOTE++**

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As usual I started building my page with my preferred text editor and browser.

Considering the lessons learned from the last project, I first organized everything in separate folders, downloaded bootstrap and started with a fresh template.

This time I was careful not to just jump in and start coding but think about the purpose, design and functionality of the page before starting.

## **Challenges: Combability with design.**

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For my previous project I purposely didn't use any bootstrap tools so I could notice the difference in difficulty when I did, but it turns out that using bootstrap is not as simple as I thought it would be.

Making modifications on pre-existing libraries requires a very good understanding of java script, html and CSS. Overwriting the bootstrap code with my own does not always work, probably because I don't fully understand how the specific class operates, however if all you want to use is the default settings of a class then everything will be fully functional but may not fit your page design.

## **TIME CONSUMPTION**

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Once again, I find my self biting more than I can chew. After considering the time spent on the last project I decided to make this one serve a purpose beyond the class assignment, however I underestimated my skills which led me to spend countless hours through a process of trial and error in order to get my page to its current state.

## TESTING BROWSERS: CHROME, FIREFOX, EDGE

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The page works on all browsers with a minor background color change on Edge. The site is responsive and fully operational on smaller devices.

### Lessons Learned:

- Don't spend hours trying to make a small feature of the page to work, especially if is not even a project requirement.
- They call it "cascade" for a reason, the last attribute on the style sheet is what counts, but in html the class that comes first is the more important one.
- Personal style should come after bootstrap style to be able to overwrite it.
- Using selectors like hover: or after: makes classes dynamic.
- The developers console is the most effective way to understand what is happening on the page.