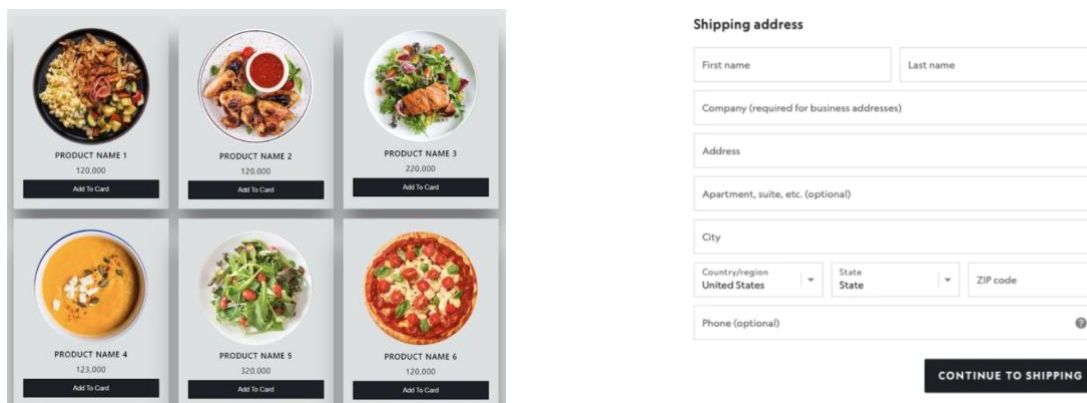


Assignment 2 – JavaScript & Bootstrap

Charitable Online Donation/Purchase System (Frontend only)

The goal of Assignment 2 is to create a reservation / booking page for a charitable organization. The choice of “bookable items” is completely yours but it should be for a charitable purpose (donation of goods or money; ordering gifts from the red cross; etc.). The goal is to create **a single .html page** and use JavaScript / Bootstrap to “advance” in the process by hiding / collapsing certain parts of the page.

Make sure that your page has **a product/services gallery** (with sample data of at least 10 products) and you can add items to a form of “shopping cart”. The goal here is to use bootstrap for the design of your gallery and items.



(Screenshots for inspiration)

After adding items to **your shopping cart**, you should allow users to click a “**checkout**” button. This should display a (previously hidden) **shipping / buyer information form**, where shoppers can enter their data (name, address, email, phone, ...).

Add some **validation code** to your form where you check that the information is realistic (e.g. phone number should be numbers only, ZIP code is max. 6 characters long, etc).

After **checkout** (submitting the contact details form), you should display a confirmation that contains all a summary of your purchases/donations and the total value, taxes, discount, etc. calculated by JavaScript. **The discount should be applied when purchasing three or more items/services.**

Note: The focus of this assignment will be placed Bootstrap and JavaScript. However, remember to use **proper HTML coding principles**.

In total, use (at least) **five bootstrap components**, **plus** the Bootstrap containers/columns/grid system, and additionally create the checkout form using **bootstrap forms**. Create a **Documentation.pdf** file, where you document which Bootstrap components and functionality from Bootstrap you used and how your JavaScript code works. Add screenshots of your webpage documenting each step of the process.

WARNING: Only submit the files you want evaluated. If I cannot clearly identify which file is your index.html, stylesheet, etc, I will select randomly.

Submit your page via **Github Classroom**. No other submission will be accepted!

Submission files (mandatory!):

- index.html
- js/scripts.js
- css/style.css
- a folder img/ containing all image
- Documentation.pdf

Grading will be based on:

- Completeness (all pages and content)
- Functionality (semantic page structure, footer)
- Design & User Experience
- Effort (i.e. more than the bare minimum)

No questions will be answered in the last 48 hours before the deadline!

Remember:

No use of ChatGPT or similar tools!

→ When in doubt: point deduction + mandatory defense

You search online to ask “how can I do XYZ in HTML/CSS/JS/Bootstrap”

→ Use of short snippets only! (Not entire pages)

→ But you need to quote your sources (e.g. in a comment)

→ Expert code without comments is suspicious (mandatory defense)

Asking colleagues for help is okay, but this is not a teamwork!

→ When discovered, all involved students will face problems.

Pure HTML, CSS, JavaScript and Bootstrap

→ no frameworks, libraries or similar (except for Bootstrap)!

Test on different browsers, window sizes and different computers to make sure it works

→ point deduction, if I cannot make it work on my computer

Test on different browsers, window sizes and different computers to make sure it works → point deduction, if I cannot make it work on my computer