**Semester Project 1 (classroom)**

**Client: Compact Carbon Caption** (Torleif Madsen)

3C is a ground-breaking new technology for CO2 capture. The technology allows for capturing CO2 limited space available. Due to its compactness it could even be placed on top of existing infrastructure or buildings. We are reducing the size of the equipment by 75%, without losing efficiency or increasing pressure drop! The main reason for such compact capture equipment is that we use G-force instead of gravity to distribute the solvent. This also allows for much more vicose and efficient solvents. Altogether we are offering CO2 capture equipment with significantly lower CAPEX and OPEX than conventional technology.

**Brief**

Create a new webpage for the company - Compact Carbon Caption. The company wants a website that is informative and appealing, that will attract new clients, investors and government. The target audience should be carefully considered, and the proposed design should reflect this. The website should be responsive and be easy to use on a variety of devices.

**Project Description**

The project exam will reflect the students creative and technical knowledge and skills based on the first-semester curriculum. This includes design principles, project management, communication technology, and developing with HTML/CSS.

You will create and deliver the following products:

1. A logo and a simple visual profile (the one we already have created)
2. A detailed work schedule (Gantt Chart) complete with milestones for design, coding, testing. The schedule plan must be submitted at the first guidance meeting.
3. Simple wireframes (analogue or digital)
4. HTML/CSS webpage with at least 4-6 pages and a simple digital style guide
5. A report documenting the entire project and self-evaluation
6. Presentation

**Final Product:** A URL with the final design should be submitted in the end of report. The site should be tested on a variety of devices before final delivery.

**Report:** A full report of the project exam must be submitted. Discussion and documentation of the entire process, from planning through sketches and design to development and testing, should be included. The terminology used throughout the semester should be used. A self-evaluation and sources should also be included.

**Presentation** (Powerpoint, Keynote of pdf): In the end of the project exam you will be presenting the final results for the client. The duration of the presentation is 5-10 minutes. You should talk/show following things:

1. Development process from idea to final product.

2. The final product (website) in the browser (desktop/mobile).

**Requirements**

* The site must have a design that appeals to the target audience.
* The site must have at least 4-6 pages and a simple digital style guide.
* The site should use external CSS style sheets.
* The site should download quickly, and not be overly "heavy".
* Compositional principles, typography, and color schemes must be considered.
* The site should take WCAG principles into consideration, especially regarding hierarchy, navigation, and color usage.
* The site should be responsive and easy to use a variety of devices.
* A report documenting the entire project must be included in the project delivery.
* Self-evaluation on all the above points should be included.
* NB! You are not allowed to use any frameworks or *JavaScript\**.

*\*Talk with your tutor*