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# Preface

This document contains the description of **two different tasks** (option *a* and *b*) for the first compulsory activity of the course. You must **only pick one** and implement it.

These are all rather simple tasks. So we expect you to deliver with high quality. The best thing you can do for quality assurance is to find a buddy so you can look through each other's code and give feedback.

# Option a – Personal portfolio

## Context

This is your last year in the university and you are excited about the idea of starting your new worker life. Unfortunately, your work experience is scant, and you need to figure out a way of promoting yourself. Then, it comes to your mind the idea of building a website that talks about you.

Notice that a personal website is not a resume. Resumes are boring. Personal Web sites gives us the opportunity of differentiating ourselves from the rest. Some advantages of having a personal website are the following:

* You can emphasize your strengths by driving the user attention to remarkable things about you
* It makes you more findable
* It gives you the opportunity of building a personal brand
* It gives you a differentiating factor from the rest of the people

This compulsory activity is delivered in groups. Feel free to create the portfolio page for one of the members of the group or create a [*fictional persona*](https://www.interaction-design.org/literature/article/personas-why-and-how-you-should-use-them) that represents the group.

## Task description

Design and implement your personal portfolio page.

Your personal website must contain 5 (( **or four??** )) different pages:

* **Home page**: this is the first page users will see. You can decide the contents that will be shown to the user in this page. However, it must contain, at least, the following:
  + Image and description about you (make sure you use proper semantic tags)
  + Text introducing yourself
  + List of hobbies
  + A quotation from a book, song, or movie
* **Resume/CV page[[1]](#footnote-1)**: this page presents your academic credentials, skills, and qualifications. It must contain, at least, the following:
  + Academic background
  + Work experience
  + List of languages you speak
  + List of skills
* **Portfolio page**: Use this page to show to the world your best works or projects. A portfolio project can be anything you want to, such as a picture, a drawing, a piece of art, a website, etc. You must include at least 3 different projects. All the projects in your portfolio must have a title, a description explaining what the project is about (5 or 6 lines) and an image.
* **About page**: this page must contain a short report of the preparations you did beforehand to ensure you would use different semantic tags. Explain why you decided to include the different parts of your contents and discuss why the HTML elements you used to annotate them were the best option.

# Option b – Restaurant page

## Context

This is your first time as a freelancer and you have been tasked with designing and implementing a small website for a local restaurant. You know that having a digital presence is very important today, but you are also concerned about accessibility, and you want to create an inclusive website. Your main goal is, therefore, to structure the contents of the website in the best possible way for both humans and search engines.

## Task description

Design and implement the restaurant page.

* Create a simple webpage with a menu from a cafe/restaurant
* It should contain at least seven dishes, between three courses (e.g.: 'lunch', 'dinner' and 'snacks')
* Several dishes should contain different allergens – and these must be simple (( **… and these must be easy to identify in the menu or on the page** ))
* Main ingredients or description for each dish
* Easy to find opening hours, location, and contact information

Try to create an aesthetically pleasant page with the few HTML elements and CSS rules you have learned so far. You can also challenge yourself using more advanced CSS rules and techniques.

Do not forget your goal is to create a page accessible for both humans and search engines. Learn more about these topics in the following links:

* [The beginner’s guide to SEO](https://moz.com/beginners-guide-to-seo) (Moz)
* [Web accessibility tutorials](https://www.w3.org/WAI/tutorials/page-structure/) (W3C)
* [Web Accessibility evaluation tools list](https://www.w3.org/WAI/ER/tools/?q=wcag-21-w3c-web-content-accessibility-guidelines-21) (W3C)

After creating the website, submit it to an automated WCAG testing platform (e.g.: [AChecker](https://achecker.achecks.ca/checker/index.php)). Based on the feedback you get, create a second version of the site fixing all the detected problems. Finally, write a short report (approx. 500 words) of the preparations you did beforehand to ensure universal accessibility and which users/ needs/ situations you had in mind; and the changes you made between the first and second page. The report must be included as an HTML page as part of the website.

Here you have an example of a page that lacks good accessibility practices (e.g.: try to navigate only using the keyboard): <https://www.elvebreddenkafe.no/menu/>. Use it for an idea on how *not* to do accessible design and/or as a resource/inspiration to get some dishes, hours, contact details, etc.

# Deliverables/check list

* Zip file with your project (including all the pages, images, etc.). (( **do they need to upload this if they submit a GitHub pages link?** ))
* readme file (.txt or .md) with any relevant comment the examiner should know when grading the task.
* Link to the live version of your page (GitHub pages). You can add the link in the readme file
* Valid HTML and CSS code (all pages) – Feel free to use the [HTML validator](https://validator.w3.org/) and the [CSS validator](https://jigsaw.w3.org/css-validator/)
* (Only if you picked option b)
  + Version 1: HTML page before accessibility check
  + Version 2: HTML page after accessibility check
  + Report page: the report with your preparations and reflections about the accessibility part

1. Take a look at LinkedIn to get some inspiration about things you can include in your curriculum [↑](#footnote-ref-1)