

Final assignment DATA1200 - fall 2022

Specifications:

- You are recommended to do this final assignment in groups of 3 to 5.
- Create groups on Inspira.
- Create a website on GitHub pages.
 - You are allowed to upload a zip-file instead, please see below.
- Submit the link to the site as text on Inspira.

Description:

- **Final assignment:** A full website with several pages.
- **Theme:** A house for events with a cafe/ restaurant.
 - Common theme for the site: We may take bookings for renting the space for parties, small wedding receptions and so on. We have a cafe that is open most days as well.
- **The design / the graphic identity:** The website should have a graphic profile which is easy to recognize on all pages. Most of the pages should be highly similar and may be identical; one page may be visually different.
- **Language:** All text should be in English or a Scandinavian language, including Sami but not Finnish.
- **Images:** Please add photos. You may copy and paste images from the web that are copy-right free (but add an image text that tells us the photographer & site it is from), use your own images, stills from The Sims, or similar. But to show off your skills, there should be photos.

We expect the following pages:

1. **Welcome page:**
Index.html should be a general information page that helps the visitor understand what this site is about and navigate to the other pages. It may be short and simple.
2. **Booking page: reservations and information about the place:**
A short text that explains what the place is about, how big it is, how many people may be seated there, where in the city it is located, and how to make a reservation. Please have some text that is the typical sales pitch about how nice the place is, how perfect it is for a party, etc. The content is not important, but the use of headings, emphasis, and scalability (desktop & mobile) are! Important information mentioned in the first sentence here should be easy to find.
3. **The café & menu page:**
Reuse your first assignment, just make the code **very** much better!
4. **Accessibility page:**
A very short text (max 500 words) about how you tested the code for accessibility using an automated test. How you checked, and coding choices you made for universal design beyond what an automated test could tell you. You are welcome to use screenshots from the testing site and of your code.

We shall read this text! While the content of your site is but a minor part of the assessment, this is the text that we are certain to read.

5. Topical page: Technology and society — may be visually different

- Copy a short text (anywhere from 300 to 1000 words) from DATA1100 "DATA1100 Technology and Society for Programmers" or other subjects. (Or write a new, short text.)
- Add images (if there are none). Remember that in Norwegian copyright law, the name of the photographer must always be included. (May be organisation, e.g., "Scanpix").
- Add headings (if there are none).
- Add links (if there are none). This text should have multiple links to external sites with relevant information. We shall not grade you on *how relevant* the information you link to is, but we expect several links, and we expect it to be easy to understand before clicking what information you lead us to.
- If you wish to show off some skills, but found that difficult with the other pages, you can make this page different from the others, with a distinct visual of functional identity.

Information about grading:

- **Structure and navigation (widescreen, and small screens):** Are the pages well structured (with headings, paragraphs, images) and is it easy to navigate between the pages? We shall check this on different screens.
- **Accessibility and legibility:** We shall look both at the automated test and use our experience to assess how well designed the pages are. Your description will assist us in understanding the choices you have made.
 - The text "Short presentation of accessibility". Have you done an automated test? Were you able to comprehend the results? Have you reflected on accessibility beyond automated tests? And does the entire site appear coherent, as a site of pages, rather than fragmented texts without a common theme?
- **Ease of maintenance:** Is the code easy to maintain for a new developer? Can someone else take over your work and modify, change, and further develop this site using their IDE of choice (rather than the one you used)? We shall look at the code itself. Is it well-structured and easy to read? Are you following conventions for comments? Is the CSS well organised with each element styled only once (if possible)? Is the structural code (like boxes) separate from the code that defines the visuals? etc.
- **Creativity:** In the sense 'clever use of code', intelligent use of selectors etc.

* *GitHub Pages vs Upload Zip file:*

If you wish to be anonymous, you should upload a zip file with student numbers only. If you do, please ensure that all internal links resolve. Path errors are immediately obvious in a live site (GitHub pages) but have made an ugly appearance in un-zipped repositories in the past.

Best of luck!