



Individual Web Assignment
Web Design 2

Web Page in HTML / CSS / Javascript

Assignment

Your mission is to create a small site using HTML / CSS and some JavaScript. The site needs to be mobile first. The site should consist of at least four pages / sections and should be a presentation of a product, person, band or similar.

Instructor:	Håkan Liljegren
Assignment:	Create a small website using HTML / CSS / JavaScript
Estimated time:	30-50 hours
Due:	Apr 5, 23:59
Max score:	21p
Grades:	G – 10p, VG – 16p

Description

Your assignment is to create a small site using HTML / CSS and some minor JavaScript. You are to create a site that gives a short presentation of someone or something. You can build a portfolio for yourself, a site that presents a band, a presentation for a company, a new app etc. Feel free to "invent" a new band, company, app etc if you want to or use an existing one.

The site should consist of at least four pages / sections. The reason for pages / sections is that you are free to create a one page scrolling site if you feel that it will better serve your purpose. So to clarify. If you create a one-page scrolling site the single page should consist of at least four sections that should be visible in your menu. If you create a multipage site you should have at least four pages in that site where those pages are visible in the menu.

Your site should target the mobile screen first. But remember that even mobiles come in different sizes, so don't create your site for a specific pixel size. Creating a responsive design that caters well for bigger screens will add to your score.

You should do this using the design process and all of its components, and in your final solution for the site, report and sketchbook clearly present all steps. More details in subparagraph *documentation*.

Requirements

1. The site should be mobile first. **If it is not it will be sent back for fixing!**
2. The site should contain a minimum of four pages / sections.
3. The first page should be named index.html
4. The site should be uploaded to your account on the toto server in a subfolder named individual. I.e. the pages should be reached at:
[http://toto.mkv.kau.se/vt19/wd2_\[nn\]/individual/](http://toto.mkv.kau.se/vt19/wd2_[nn]/individual/)
Where [nn] is replaced with your account number
If the site doesn't work on the correct server address, it will not be graded.
5. The site should have a global menu. The menu should use some sort of dynamic highlighting on "hover", and the current page / section should be clearly different from the other menu items.

6. The code you write for your site should validate as HTML5 using the w3 HTML validator and CSS3 using the w3 CSS validator.
HTML validation via <http://validator.w3.org>
CSS validation via <http://jigsaw.w3.org/css-validator/>
7. CSS should exist in its own file. You should comment what you intend with the CSS rules.
8. The site should be built using Twitter Bootstrap, but try to avoid the standard Bootstrap look!
9. The site should contain at least three elements that animates when the page scrolls.
10. All CSS using fix or absolute position, and fixed size should be clearly motivated in the comments.
11. All headings should be appropriate and at least the first page / section should be "real". All other parts can use filler text from a random text generator. (See Canvas learning for links to some generators.)
12. You may only use images that are allowed to be used for the web site. I.e. If you create a commercial site you need to ensure that you only use images that are allowed for commercial use.
13. Your site should have good layout and have good usability, based upon the lectures and course literature.
14. The site should work well on different screen sizes. I.e. Even if you create your site mobile first it should behave well on other screen sizes.
15. Your final presentation of your project should be based on the designprocess and walk us through your process towards your final solution.

Process

The process for this assignment should use the 10+10 method. That means that you should first create at least 10 different designs, and from the best design you should create 10 different variants. Your sketches and your motivation for your selection should be clearly motivated. All your sketches should be in your documentation.

Documentation

You should be able to account for your design process and visualize your research mapping competition and target group, brainstorming, mind mapping, visual research and brand matrix in writing (report) and in your sketch book (hand sketches) this should lead the way to your creative brief (the refined version of client brief) that will be your foundation during the rest of the process and by that also give you strong argumentation for your design choices and final solution.

The report should include at least 10 initial, hand sketched, ideas and the 10 variations on the selected ideas, and a clear motivation of the selected design deeply rooted in your creative brief.

Make sure to show iteration in your hand sketches, date them, collect the arguments for the selected design, and why the changes were made from your creative brief.

If the final design differs from the last sketch you should motivate why the changes were made.

Your documentation should also include a URL to where your site is placed.

Grading

The assignment will be graded U, G or VG. If you fail on any of the requirements you will get your assignment in return. Grading will be based upon how well you followed the assignment requirements and:

1. Level and complexity of HTML, CSS and JavaScript.
Note: More complex HTML / CSS / JavaScript doesn't necessary imply a better score, it is how well you have achieved your goals that counts. E.g. If you use complex HTML where a simpler one would be preferred, it might actually lower your total score.
2. Usability
3. Overall look-and-feel (All sections should speak the same visual language)
4. Optimisation for web of your images.

Points will be given for the following (even half points might be given):

0-4p will be given for the overall look and feel (it should look good and behave good)

0-3p will be given for the complexity / organisation of the HTML / CSS / JavaScript

0-2p will be given for image optimisation.

0-2p will be given for the information structure of your site.

0-5p will be given for responsive design.

0-5p will be given for the motivation of your design and process.

To get a G you need at least 10p, for a VG you need 16p or higher.

Note 1: Handing in late will inflict on your grading!