

Project requirements

General

- **All requirements are obligatory to get a credit**
- Project is done in groups of 3 students
- The project must be uploaded in server (will be provided)
 - o The website must display correctly on a provided URL

Topic

- A website for a public institution, government, ... For example:
 - o School, university
 - o City, village, local municipality
 - o Government, government office, ministry
- **The topic is obligatory!**

Content:

- The website makes sense
 - o Longer text can be Lorem ipsum...
- Static web, without errors
- Pages included (minimum)
 - o Full-featured homepage
 - o Latest news
 - + detail page
 - o Contact (e.g., opening hours, branches, map,...)
 - o List of employers, officers,...
 - + detail page
 - o Search results page
 - Also, include a search block on every page
 - o + minimum one page
- In total – the minimum is 8 pages = .html files
- All links must be alive, working properly
 - o i.e., All links within the Latest news page direct to one Detail page
- Visible note that the website is a students' project on all pages
- Keep usability in mind, follow common rules
 - o Structure, navigation, search, ...

Technical requirements

- The website must be properly uploaded using the FTP
 - o Minimum 8x *.html, 1x *.css
 - o Available from server via URL
 - o After entering the URL into the browser, the homepage will be displayed
- Responsive design
- Use mobile-first approach
- Use HTML5 (HTML 5.2)
- All elements are used semantically correct

- Use all the following elements
 - main, article (min 10x), section (min. 3x), header (min. 2x and 1x inside article), footer (min. 2x), aside
 - p, ul/ol, li, figure, figcaption, img
 - h1, h2, h3
- **NO frameworks or templates are allowed**
 - Everything must be own work
- One external CSS file
 - must contain at least 400 lines of code
- Use CSS custom properties (variables)
 - Colors, margins, padding, ...
- Grid layout
 - At least 8 elements inside
 - At least 2 elements must span more than 1 cells
- Flexbox
 - Use at least 5 items
- Accessibility at least on a WCAG 1.0 level

Evaluation

Code validity – 5

Accessibility – 5

Semantics – 15

Responsive design, Mobile-first – 10

Usability, UX – 10

CSS, Grid, Flexbox – 15

Seminars

- 1) Requirements, HTML5 review, basic CSS, assignment – mobile version basis
- 2) HTML, CSS, custom properties, mobile version
- 3) Flexbox, layout, responsive design
- 4) Grid layout
- 5) Usability, Consultations
- 6) Credits, projects evaluation