

CSS Advanced – Project Assignment

Design and **implement** a website using the given design. The site should follow several requirements which are stated below.

1. Requirements

- The major part of your work should be **HTML** and **CSS**
 - You must use the **CSS preprocessor - SASS**
 - You must use **CSS Grids** to build your main layouts and site structure
 - You must have **transitions, animations, and transformations**
 - You must follow the **best practices** while writing your project

2. Constraints

- Using **CMS systems** (like WordPress, Drupal, and Joomla) is **forbidden**
- Using **site authoring tools** and **site generators** (like Adobe Edge, Microsoft Expression Design, Adobe Dreamweaver, etc.) is **forbidden**
- The use of client-side frameworks is **forbidden** (React, Angular, Vue etc.)
 - Your content should be in HTML files, not in a database or in the cloud

3. Deliverables

- Source Code - Submit your project [here](#)
 - The complete source code of your project (**HTML, CSS, images**, and other files)

4. Project Defense

Each project should be presented in front of a commission of trainers. Each person will have only **~10 minutes** for the following:

- Demonstrate the website **content and functionality** (very shortly)
- Show the **source code** and explain briefly how it works

Hints for better presentation:

- Be **well prepared** for presenting maximum of your work for minimum time
- **Open all project assets** beforehand to save time: open your site in the browser, open your project code, etc.
- Please be **strict in timing!** You might get less score if your time is not spent the right way

5. Assessment Criteria (Scores)

- Site Architecture (**0-30** scores)
 - Well organized project architecture
 - Good naming
 - Clean code
 - Readability
 - Conventions - Good usage
- **Responsive design** (site behaves correctly in all devices, browsers, and platforms) - (**0-5** scores)
- **CSS transitions, animations, and transformations** - (**0-10** scores)
- **SASS Features** - (**0-25** scores)

- Nesting & Referencing Parent Selector
 - Interpolation
 - Placeholder Selectors
 - Variables
 - Mixins and Content Blocks
- Using **CSS Grids** - (0-30 scores)
- **Bonus** - (0-5 scores)