# Teamwork Project Assignment for the [Web Fundamentals (HTML & CSS) Course @ SoftUni](https://softuni.bg/courses/web-fundamentals-html5)

Design and implement a **Web site about a topic of YOUR CHOICE using mainly HTML & CSS**. The site should follow several requirements which are stated below. Any additional technologies and techniques that you use will be treated as bonuses. Do **NOT SACRIFICE REQUIRED** functionality for **UNREQUIRED** functionality. Implement first what **is required** and **only then**, think of additional things that can be added.

## Requirements

* **Use HTML & CSS** – the major part of your work should be HTML & CSS **written by your team**
  + You may use **CSS frameworks** and toolkits like **Bootstrap**, **Skeleton** and **Font Awesome**
  + You may use **CSS preprocessors** like **SASS**, **LESS** and **Stylus**
  + You may use **JavaScript** and **JS libraries** like Slick and Sweet Alert to simplify your work
  + You may use **PHP** or other server-side scripting but not as primary technology (e.g. you may use PHP for including HTML fragments to avoid repeating code)
* **Work in team** – all team members should contribute
  + **Use GitHub** as project collaboration platform.
  + **Each team member should have commits in 5 different days**
* **Create** **original content** – your content should be written / created by your team, not copy-pasted
  + You may take and adopt ideas from other sites, but avoid **direct copy / paste** of their content
* **Web design**
  + Using your **own web design** (creative art work) is allowed but **not required**
  + You may use free **images**, **icons** and other site elements from Internet
  + You may use portions of other site's design, but **don't copy / paste** them entirely
* **Publish your project** **live in Internet** – your project should be public in Internet
  + You may **share your project** to get external feedback
  + Most shared and commented projects will get additional **bonus score**
* **Valid and high-quality HTML and CSS**
  + Validate (when possible) your HTML (<http://validator.w3.org>) and CSS code (<http://css-validator.org>)
  + Optionally, put "**Valid HTML**" + "**Valid CSS**" banners in the footer of your site with link to the validators: [](http://validator.w3.org/check?uri=http://softuni.bg) [](http://www.css-validator.org/validator?uri=http://softuni.bg&profile=css3)
  + Follow the best practices for **high-quality HTML and CSS**: good formatting, good code structure, consistent naming, semantic HTML, correct usage of classes, etc.
* **Responsive design** – your site should open correctly and be functional at any modern device
  + Standard **desktop** Web browser (computer / laptop)
  + **Tablets** (Android, iPad, Windows, Linux)
  + **Smartphones** (Android, iPhone, Windows Phone)
  + Typical **screen widths** to support: 1600px, 1024px, 960px, 768px, 640px, 480px, 320px.
* **Usability and UX**
  + Your site should be **easy-to-use**, with **intuitive UI**, with good usability
  + You may follow some usability guide / checklist (search in Google): <https://www.google.com/search?q=web+site+usability+checklist>
* **Target all major** **modern browsers**
  + Use **HTML5 and CSS3**, not HTML 4.01 or CSS 2.1
  + Ensure your site works correctly in the latest HTML5-compatible browsers: **Chrome**, **Firefox**, **Edge**, **Opera**, **Safari** (latest versions, desktop and mobile versions)
  + You do not need to support old browsers like IE9

## Forbidden Techniques and Tools

* Using HTML and CSS **site templates** from Internet is **forbidden**
  + Your HTML and CSS should be written by your team members, not copied from somewhere
* Using **CMS systems** (like WordPress, Drupal and Joomla) is forbidden
  + Your site should be HTML & CSS written by your team, not a WordPress site with some free theme
* Using **site authoring tools** and **site generators** (like Adobe Edge, Microsoft Expression Design, Adobe Dreamweaver, etc.) is forbidden
  + Write your HTML and CSS code in a text editor. Don't use code generators!
* Using **server-side frameworks** is forbidden
  + Your work should be mostly HTML and CSS. You may use server-side code only for certain features that are unavailable in HTML and CSS (like including HTML fragments to avoid repeating code)
  + Your content should be in HTML files, not in a database or in the cloud!

## Teams: Random Team

You will be working in a **team**. Teams will consist of **4 members or less**, randomly chosen from all students requested a teamwork.

Everyone in your team should use a **source control system**.

* Use **Git** or other source control system for your project development.
* Use **GitHub** as your source-code repository and project management tool.
* Your **source code** should be published as **open-source project** in Internet.

## Deliverables

Students participating in this project should submit the bellow described **project assets**.

### Source Code

Submit the **URL** of your project **source code in GitHub** as deliverable. Examples of GitHub repositories:

* <https://github.com/SoftUni-Team-Mandalore-WebFundamentals/SoftUniverse>
* <https://github.com/Team-Parmel/HTML-CSS-Teamwork>

Each team member submits the same **source code URL**.

Put the following assets in the project repository:

* The complete **source code** of your project (JS, HTML, CSS, images, scripts and other files).
* Any other project assets (optionally): documentation, design, tests, etc.

### Published Live Project in Internet

**Publish your project** in Internet. Put a link to your **live project** in the project description at GitHub. Examples:

* <http://parmel.nikis.info>

You may use **GitHub Pages** to host static HTML, CSS and images. Learn how here: <https://pages.github.com>.

### Commit Logs

* Each team member should have **at least 5 commits** (changes) in the project repository.
* Please **commit every day** during the project development to demonstrate your work progress.
* More commits (especially in more than the last 1-2 days) are better during the project assessment.

## Public Project Defense

Each team will have to deliver a **public defense** of its work in front of the SoftUni trainers, assistants and students.

The teams will have **only ~10 minutes** for the following:

* **Demonstrate** the Web site content and functionality (very shortly).
* Demonstrate the site in different screen sizes (**responsive design**).
* Demonstrate that your HTML and CSS code **validates** correctly.
* Show the **source code** and explain briefly how it works.
* Explain how each team member have **contributed**: display the commit logs in GitHub.
* Optionally you might prepare a **presentation** (3-4 slides).

At least **one team member** should come at the defense.

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 repository page to show the commit logs, etc.
* Please be **strict in timing**! You might get less score if your time is not spent the right way.

## Assessment Criteria (Score)

* **Site** (structure, technical implementation, layout, design, usability) – **0…10** score
* **Content** (quality of content) – **0…3** score
* **Responsive** design (site behaves correctly in all devices, browsers and platforms) – **0…7** score
* **Validation** and **quality** of HTML and CSS – **0…5** score
* **Team work** (GitHub used; each team member contributed in 5 different days) – **0…10** score
* **Bonus** – **0..5** score

## Give Feedback about Your Teammates

After the project defense, you will be invited to **provide feedback** about all your teammates, their attitude to this project, their technical skills, their team working skills, their contribution to the project, etc. The feedback is important part of the project evaluation so **take it seriously** and be honest.