

Midterm Assignment: HTML and CSS Redesign

⚠ Important Note: This is an optional assignment

Students who choose to complete it may earn up to **5 points** toward the final exam. In those cases, the final exam will be graded out of **25 points**.

Students who choose not to complete this assignment will have their final exam graded out of **30 points**.

Overview

In this midterm assignment, you will build upon the social network/blog-style application that you have been developing throughout the lab sessions.

The purpose of this assignment is to give you the opportunity to apply the HTML and CSS concepts covered so far in the course by redesigning the application's interface and producing a coherent, original visual proposal.

In addition to its design and implementation goals, this assignment is also intended to help you become familiar with basic workflows involving Git, GitHub, and GitHub Classroom.

Task

Your task is to redesign the interface of the application using HTML, CSS, and Bootstrap.

Starting from the version of the project developed in the lab sessions, you should create your own visual proposal for the application by redefining its interface, layout, and presentation of content.

You are encouraged to rethink the interface and redesign it as creatively as possible. You are expected to make substantial changes to the visual identity of the application, including its layout, color palette, typography, spacing, navigation, and overall look and feel.

Since no functional implementation is required for this assignment, you are free to represent graphically any features or interactions you wish to include in your design, even if you do not know how they would be implemented technically or if they have not been covered in class. For example, your interface may include elements such as adding friends, signing up, instant messaging, liking posts, writing comments, or sharing music.

Whenever possible, your redesign should be guided by a clear thematic concept. For example, you may imagine the platform as a social network centered around a particular interest, activity, or community.

Your final submission should combine originality with coherence, readable code, effective use of HTML, CSS, and Bootstrap, and proper adaptation to small mobile screens.

Inspiration

As a source of inspiration, you are encouraged to explore the websites nominated for the **Webby Awards**.

Since voting is currently taking place, this can be a useful opportunity to look at contemporary design ideas, visual trends, interaction patterns, and creative approaches to web presentation.

This resource is intended as inspiration only. You are not expected to imitate any particular website, but rather to observe, analyze, and develop your own design proposal.

Scope

Your submission must consist of a minimum of four HTML pages.


The required pages are:

- a landing page
- an individual post page

The remaining two pages are left to your discretion and should be chosen according to your own redesign proposal.

Technical requirements

Your submission must satisfy the following technical requirements:

- The interface must be implemented using HTML, CSS, and Bootstrap.
-  The final result must be responsive and properly adapted to small mobile viewports, particularly smartphones.
- The HTML structure should be clear, well organized, easy to read, and based on the appropriate use of semantic tags.
- The application should remain usable and visually coherent across different screen sizes.

🧩 One of the goals of this assignment is to deepen your understanding of Bootstrap, including the utilities and components provided by the framework. The more meaningfully you explore what Bootstrap has to offer, the better. This does not mean that you are expected to use every available component, but rather that you should take this opportunity to experiment with the framework and make deliberate design choices. You are also encouraged to customize Bootstrap components or override its default styles whenever this helps you achieve your visual proposal more effectively.

Repository and submission requirements

Submission will take place through GitHub Classroom, using the repository template provided for the assignment.

👉 **GitHub Classroom assignment:** [Accept the assignment here](#)

The template repository includes a `README.md` file that you must edit.

Your `README.md` must include:

- a brief description of your proposal
- a short explanation of the main changes introduced in your redesign
- one image of a hand-drawn sketch, produced before starting the implementation, showing the layout or interface idea you planned to develop

All the files required for your project must be included in the repository.

Deadline and submission policy

The deadline for this assignment is **May 18 at 23:59**.

After that time, no further commits will be accepted.


I will **not accept submissions by any other means**.

Evaluation criteria

Your work will be evaluated based on the following criteria:

- originality and creativity of the redesign
- coherence and overall quality of the visual proposal
- correct and effective use of HTML, CSS, and Bootstrap
- code readability, structure, and organization

- responsive behavior and adaptation to small mobile screens
- clarity and usability of the final interface

 This is an individual assignment. You may consult online resources for reference and inspiration, but the final work you submit must be your own.