

Practicum 1: First web documents

Poster Content Management System

This semester we will be setting up a simple content management system (CMS) for creating posters. You (as the participant) will build this system with all the technical knowledge (HTML, CSS, JS etc.) you have learned in the lectures. You will also receive design impulses from Leonie Winkelmann and Prof. Felix Beck on each date.

You do not have to complete all tasks on each date, but you must have everything ready for each subsequent deadline. You must complete all mandatory assignments sufficiently to be admitted to the final exam at the end of the semester. To achieve this, you must fully understand each assignment for every date. That is why it is always important to ask questions.

Here are your first tasks for the next two hours:

Static HTML documents

Create **semantically correct** HTML documents (without any CSS/style-attributes) for each of the following pages:

Overview / Homepage shows all posters created with the CMS in a grid. Each cell of this grid consists of a thumbnail of the poster, its name and creation-date. You can use placeholders for now. Please keep in mind that we will introduce pagination and/or lazy-loading for later dates. A hyperlink on the title/thumbnail will take the user to the ...

Detail-view shows a single poster layout (hard-coded HTML structures) with all media-elements from the poster designer. (See below.) There is also a print/export button to share the poster with others. In addition, there is an edit button that navigates to the ...

Poster-Designer allows the user to fill a poster-layout with media. Each poster-layout consists of the following elements:

- a small header and footer with meta-data about the poster and its author
- a main headline
- at least 3 sections, each with ...
 - an own sub-headline
 - 6-10 lines of text with at least 80 words in total
 - one picture (optional, but at least one per poster)

The user can add/edit these things in an HTML-form. This form doesn't need to process any data yet.

Account displays all user-related information such as name, email and social media links. The user can enter this information in a static/non-functional HTML form.

Login / Register This feature is optional. The user can log into the CMS with login and password (or other authentication methods) It's also possible to register a new user account.

Media This feature is optional. The user can upload new media via HTML-form or drag-and-drop operation. She/he can also delete existing media.

Important: your CMS has a header (including page navigation) and a footer on each page.

If you are unsure about the **semantic correctness** of your documents, you can use tools such as [W3C Validator](#) to validate your code.

And again: don't use CSS yet.

Design Impulse

In the remaining two hours of your first practicum, you will listen to a short presentation on the topic:

What is design? An introduction to UX

- Basic design principles
- UX/usability, UX-studies
- Wireframing

You are then required to create at least **2 poster print-layouts** (DinA4 portrait, DinA3 landscape) with [Figma](#) or pen and paper.

You have to hand in these designs in your next practicum.