

# Homework #1

Points: 10

Deadlines:

Groups 1, 2, 3, 4 and 5: 6 October 2024, 23:59

Groups 6 and 7: 8 October 2024, 23:59

The main aim of this homework is to assess your capabilities to create useful HTML webpages and style them using CSS.

## Homework setup:

1. Create a new repository on GitHub and add your teammates to it as collaborators.

## Tasks

1. Create 3 **HTML pages**: **index.html**, **addPost.html**, and **login.html**
  - Try to match the content of each page to the provided Figures 1, 2, and 3.

**Note:** It is not required to replicate them 100%, the most important is to include the mentioned elements

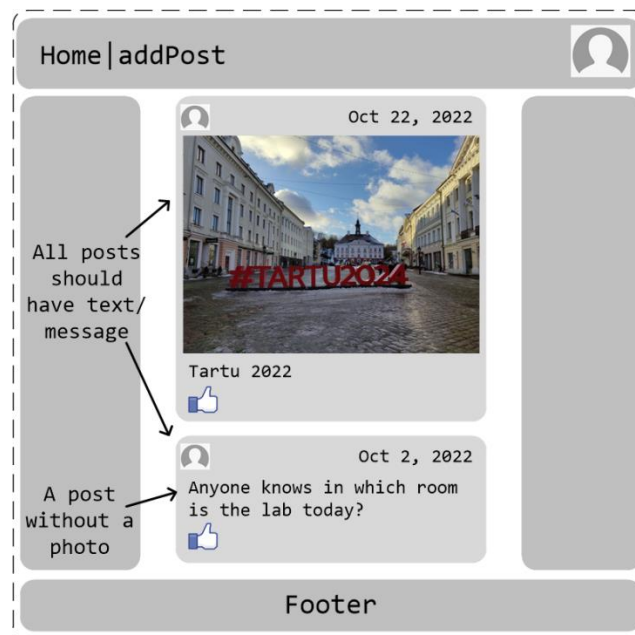


Figure 1. index.html

Figure 2 addPost.html

Figure 3 Login.html

2. While designing your pages, **implementing the following is required:**

- Home and Add Post in the navigation bar should change **their background color** when you hover over them **[0.5 point]**, and pressing on any of them should direct you to the corresponding HTML page. **[0.5 point]**
- For the **index.html** page, it should contain at least 5 different posts. **[1 point]**

- For the **addPage.html** and **login.html** pages, they should contain the elements shown in **Figures 2** and **3**, and **pressing** on the **login** and **add post** buttons should **redirect** to the **index.html** page. **[2 point]**
  - A user should not be allowed to submit the **login** form content, if she/he did not **fill in** both fields (e.g., Email and Username). **[0.5 point]**
3. While styling your pages, using the following rules **is required ( -0.5 point for each missing rule)**. **[2.5 points]**
    - Use a class selector
    - Use an ID selector
    - Use a pseudo-element OR pseudo-class
    - Use a Descendant Selector (e.g., div p)
    - Use a Child Selector (e.g., div > p)
    - Use an Adjacent Sibling Selector (e.g., div + p)
    - Use a General Sibling Selector (e.g., div ~ p)
  4. Use **Flexbox** to arrange the layout of your pages to fit both a **screen** and a **cellphone**. **[1.5 points]** **Note:** use the toggle device toolbar to see how the pages look on a screen and on a cellphone.
  5. Do not forget **to push all your changes to your repository**.
    - At least one “commit” from every team member.
  6. Deploy your project as a **GitHub page** site (<https://docs.github.com/en/pages/getting-started-with-github-pages/creating-a-github-pages-site>) **[1.5 points]**

## Rules for homework submission and discussion

1. Through Moodle, submit a text file (\*.txt) that contains your **Team number**, Name(s), and a **valid and accessible links to the repository** that contains your **Project**, and a link to the **deployed project** (GitHub page). You can make your repo **private** but you need to add your lab teacher and me as collaborators. Still, you need to submit the links to it through Moodle. **Note:** if the **link** to your **repository** is **not accessible** or **valid** for any reason, you might not be allowed to discuss your homework or at least you will lose **5 points**.
2. After submission, only one of each team is required to share the links to your **project** and the **deployed one** (GitHub page) with your **lab teacher**. You can do that by sending him/her a **direct message** in **Slack** **include your team number and names of the team along with the links in the message**.
3. **All team members should attend the discussion** of their homework; you **will not be allowed to discuss** if your team **is not complete**. If you already know that your team will not be complete because one or more of the members cannot attend due to another commitment, **contact me** as soon as possible and we can find a solution.
4. You have to submit your homework by the defined deadline, and **you will lose 0.5 point for each hour of delay**.

**The previous rules will be strictly enforced and there will be no exceptions.**