

# Homework #3

Points: 15

Deadline: 21 November 2021, 23:59

The main aim of this homework is to assess your capabilities to develop a useful **Vue +VueX-based website.**

You can use your previous homework (Figure 1) as a baseline for this homework. However, you are required to develop a **Vue +VueX- based website** that has the structure shown in Figure 2.

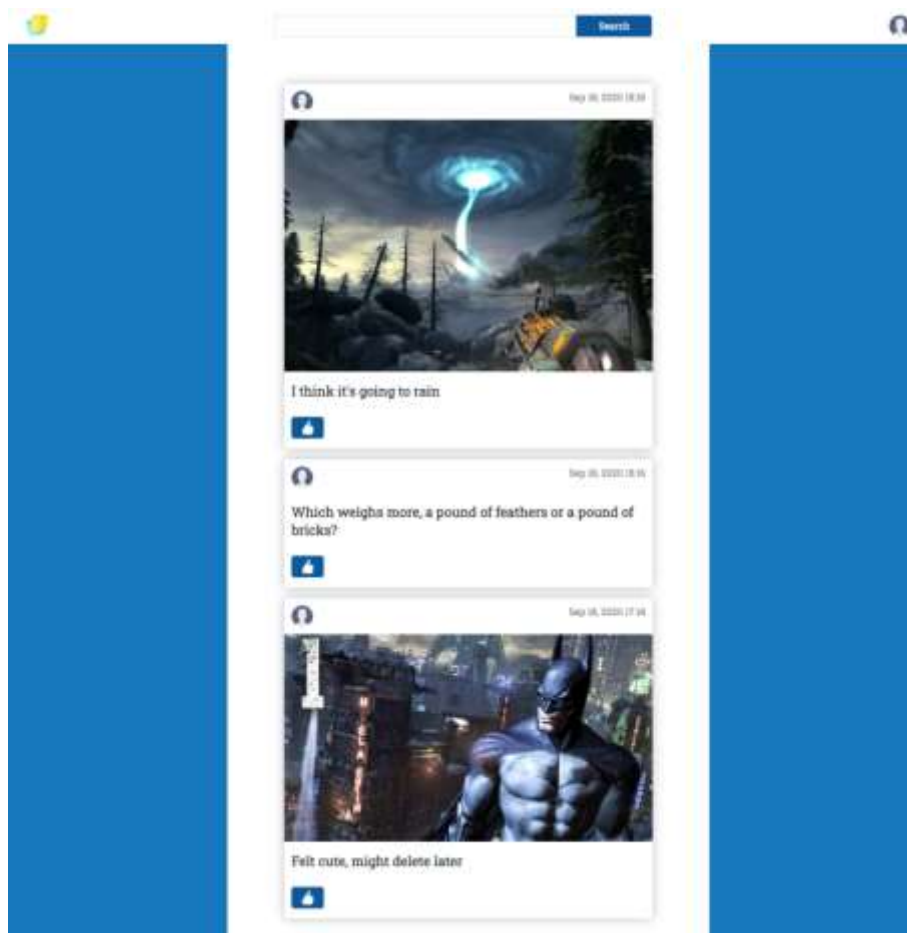


Figure 1 index.html from the previous homework

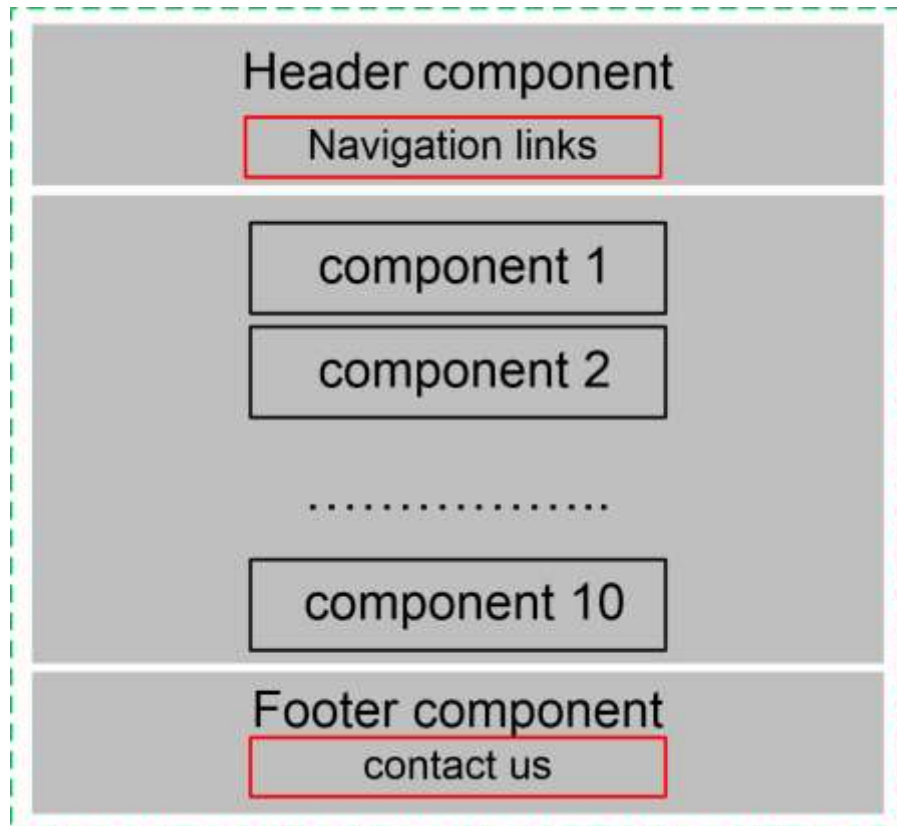


Figure 2 website structure

## Tasks

1. Your website should have three different “pages”, one of them should be the main “page” that contains at least 10 posts, another “page” should be a contact us “page”, and it is up to you to choose the content of the third “page” (e.g., login, about us, etc.). **(0 points but it is mandatory for completing the other tasks).**
2. The header should be a component that appears in all 3 “pages” of your website, and it should include navigation links/routes to all three pages **(3 points).**
3. Footer also should be a component that appears in all 3 “pages” of your website, and it should include at least a link/route to the contact us “page” **(1 point).**
4. The contact us “page” should include: (a) basic contact information such as Telephone number(s), email(s), etc. **(1 point).**
5. A post should have the same structure as previous homework, but it has to be a component that relies on Vuex global store to acquire/fetch its content information **(3 points).**
6. A post should have a “like” button that is accompanied by the number of likes, which increase when we press the button **(3 points).**
7. On the main “page”, you need to add a button that resets the number of likes in all posts to **(3 points).**
8. The styling of your overall website **(1 point).**

**Note:** the term “page” has been used while describing the tasks, yet it might mean a view or a single page component (SPC), you should know which one is better to be used.

## **Rules for homework submission and discussion**

1. **Through Moodle**, submit a **text file (\*.txt)** that contains your Name(s), student ID(s), and a **valid and accessible link to the repository** that contains your project.
2. You are **not allowed** to share the link to your repository with anyone **including your teachers**. I will check each single submitted homework, then, it will be forwarded to your respective teacher. **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.**
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**