

Session #4: Generating ideas (and how to present)

Topic:

In this session you'll be challenged to think about how to add new features to existing software. You'll learn about what a feature is, how to develop user stories from it, and how to present it to others. After, you'll play around with a public API to build a small application.

What to focus on:

- How do you present your ideas in a clear and summarized way?
- How to look at software from a user's perspective?
- How to use public APIs?

Write out a step by step plan to using a public API (include at least 3 steps):

- 1- We need to go and log in to the website which we are going to use the API.
- 2- We should read the documentation carefully.
- 3- Then the website gives us an API_KEY.
- 4- When we got the api key, we can create an .env file in our root and paste it. It is recommended that .env file will add in the gitignore file before pushing to the repository.
- 5- After these steps use fetch or axios etc and in url part write the api url and api_key (in a way described in the documentation)
- 6- Write your code:)

What are things to watch for when presenting your ideas to others? Name at least 2:

If we have good ideas (of course), and we think that it is useful and we need to implement it. Then we need to convince our team and our managers.
To convince them we can explain the idea in a more specific, more clear and concrete way and also with using examples. It's better if we can draw schemas or other tools.

What is a user story? Give an example using the HackYourFuture website:

User stories are short, simple descriptions of a feature told from the perspective of the person who desires the new capability, usually a user or customer of the system. For example in HackYourFuture website:

I want to enroll a software course, so
as a user I can apply this community by using apply now button which is on the top-right and easy to find.

After clicking I can have an information about when will the next course start and by following the steps I can start my application process.