What I learned – Open Source Phase – Week 3

This week was really cool, as we had our team building week from the company. I didn't know these types of activities existed and taking part in one was incredibly fun and enriching. Although, I won't focus on this I want to say that I think that the type of company that gives back to their employees in such way like Encora, is the reason why the satisfaction rate that people have inside the company is so high. And this is a fraction of what the company does for their employees. Now, through the week I only worked on the issues I mention below, and next I am going to explain some of the learnings I had.

This week I mainly work using regular expressions, which I find really useful and I like working with them, because you can summarize conditions into a small space of code, and now I learn that you can create conditionals with them, which opens more possibilities of using them. I think they are an important tool to know for any developer.

In one of the issues I worked on, I had to create a virtual environment, which I didn't know anything about. After looking into it, I manage to download WSL and use Ubuntu in my windows operating system in order to create a virtual environment for the wger project. Although, I still don't fully understand how it works and their advantages I know now how I can run one virtual environment and I know it can help me what is left from the phase.

I am going to add some points we were asked to give in our weekly assignment:

- These are the links to the issues I have worked on so far:
    - [beautify](#) (PR open)
    - [wger](#) (somebody else did it)
    - [numba](#)
    - [validator.js](#) (PR open, first issue)
    - [validator.js](#) (PR open, second issue)
    - [Poracle.js](#)
- This week I worked on the wger issue which consisted in adding a property to a class in Python and then display this on the webpage, although I managed to changed the view I had trouble creating the property because I didn't know how to, for this I asked for help in the issue chat. Meanwhile some other person wrote he was working on the task as well. At the end I didn`t get a response and the other person managed to solve the issue before me, so I couldn't complete the PR, but at least looking at his PR I learned how I could have done it and it could help me in the future.

    Meanwhile I had trouble with the wger issue I started to look into the first issue I found in the validator.js OS project. It consisted in adding a property to validate URI links, as they tend to be different from URLs, for this I had to research what are the types of URIs that exist and create conditions where it could validate these cases. I managed to finish the issue and open the PR on Friday.

    As I had already work on the project, I investigated more issues and I stumbled upon one of extending the validation from passport numbers. In this problem I researched what is the "passport number wide-breadth" these are rules that passport numbers follow, which are unique to every country. I managed to open the PR today Monday.

After these two last issues I was looking into the Poracle.js project and the numba project, so far I've been trying to set up the Poracle project (JavaScript), which is a bot for Discord or Telegram, but I've struggle with this as I don't understand how bots work in these platforms, and I am having trouble with setting it up. On the numba side (Python), I am installing the requirements to run the environment, but I feel that I will have some problems as I am not too experienced with Python.

- Some positive and negatives results were:
  - Positive: I managed to open two PRs, summing three in total.
  - Negative: I lost one PR to my inexperience with Python, I could have asked for help to someone else, considering that the project person could take some time to answer me. I have to look into more issues, as the two I am working on won't be enough.