How to build && run the docker container?

cd "./docker-nginx-php-mysql"

(sudo) docker-compose up --build

Access localhost ; If needed phpadmin is at localhost:8080, with webprog && webprog

What is working/Not working?

- Registration : Y
- Login(with procedure described in the PDF file) + Session : Y
- Post internship : Y
- View Internship : Y
- Chat in internship view : Y
- Manage users : N
- Subscribe to some internship: N

Brief overview:

You can directly access the application with the following credentials: "student1" for user and pwd && "vm" for user and pwd. Distinction between superuser and normal user was not implemented, hence a student can also post internships.

Once you make login, a sessionID is going to be saved in your local storage. If you reload the page again, an automatic login is made. In order to disconnect, use the disconnect button of the side menu. The validity for the session was not implemented, hence a session is indefinitely valid.

It is possible to post internships, but there is already one created: "Internship1". When clicked on the "View button" of the internship, it is possible to see the info about it and chat. All users also viewing that internship are going to receive the messages. Since it is only possible to establish a session per browser, two browsers, with a different account each, are needed to test the chat. You can use vm and student1.

Finally, there is also a small video attached where I test all the features that I implemented: Login, automatic login with session established, creation of post, visualization of post, chat between two users, disconnection.

Why did you not finish?

Because I had 3 assignments as big as this one, I also spent much time reading and asking myself questions instead of implementing. Finally, I need mental and physical rest because of health issues.

Remarks:

I was not able to use localStorage with mozilla firefox, and I could not use websockets with it too. I tested everything with Chrome and Opera on ubuntu19.10. So please **do not use firefox.**

I did not use react/emberjs/vuejs because I was taking to much time to setup a docker container with them and to read the documentation.

I did not use the docker container posted on moodle, since I had already started the project with my own when it was posted.

I only use one node, because when I was using several nodes I could not broadcast with websockets, only to the clients that had websocket connections on the node of the sender. The clients of the other nodes were ignored. A simple and fast alternative was just to use one node.