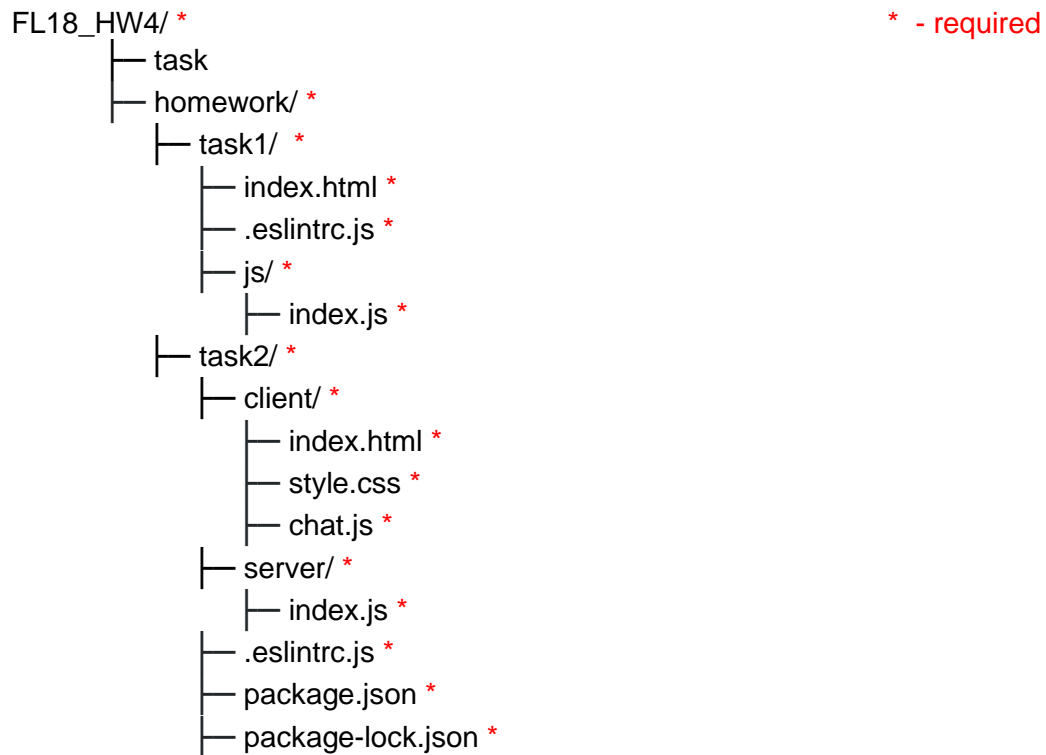


AJAX

DEADLINE: 31/01/2022

FOLDER STRUCTURE



TASK - 1

Use [this API \(https://jsonplaceholder.typicode.com/\)](https://jsonplaceholder.typicode.com/) for your calls.

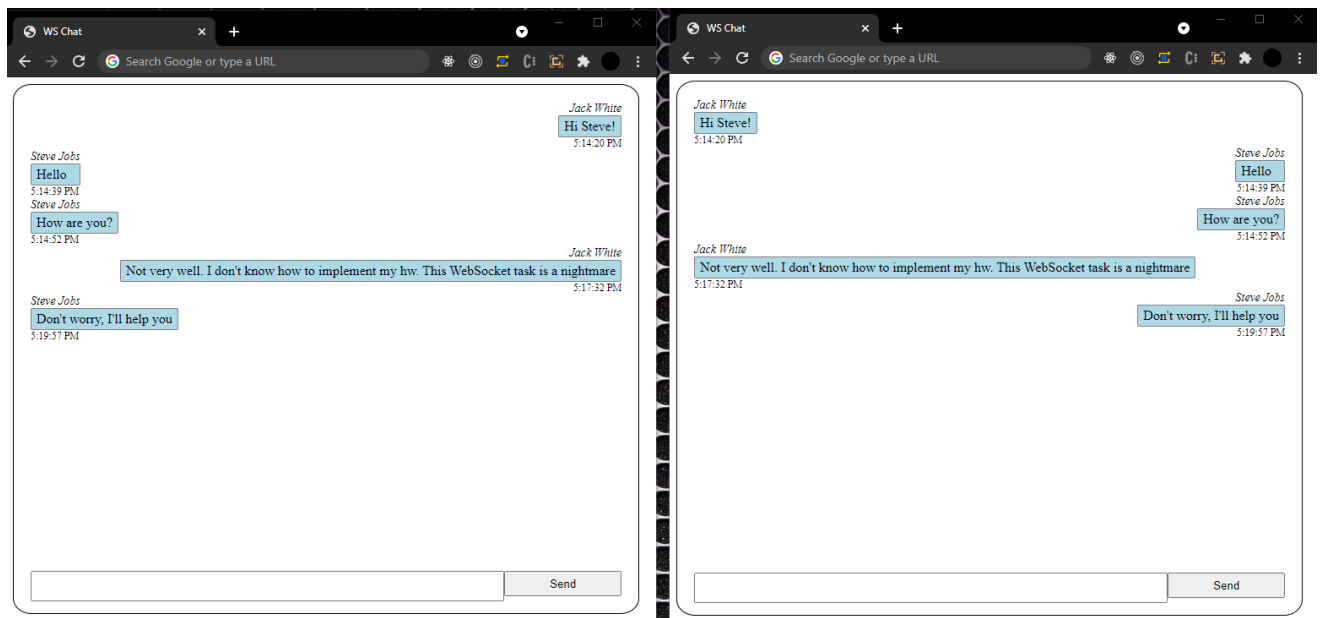
- 1) get userlist GET /users
- 2) Display them as list with possibility to edit.
- 3) When editing is finished update user on the server(call PUT method)
PUT/user/\${id}
- 4) Add possibility to delete user DELETE /user/\${id}
- 5) Show spinner on every request call

You can modify index.html if you need it.



TASK – 2

- 1) Run the WebSocket server from **task2** folder via command: **npm run start**
After that server will be available on **ws://localhost:8080**
- 2) The task is to implement the chat that can broadcast messages between 2 or more different windows as it is shown on the screenshot bellow.
- 3) Message should contain username, time and text content.



- Pay attention that you will not receive your own messages from server, you should connect at least 2 different browser windows to it, so that way one will send message and the other will receive it (and vice versa).
- You can use `prompt()` to ask user for his name when opening the chat.
- It is not required to strictly follow the layout and styles shown on the screenshot.
- You can edit any files in client folder.

RESTRICTIONS

- Using any external libraries are forbidden.
- Adding **task/** folder is forbidden. Do not push it to repository. (Only **homework/** folder should be pushed)
- Editing server folder is forbidden.

BEFORE SUBMIT

- Code should be clean, without comments, readable, and tested
- Make sure your GitLab folder structure meets folder structure from this document (without **task** folder)
- Fix all issues which was found by w3org Markup Validation Service (<https://validator.w3.org/>)

- Use linter :
 - In order to use npm package manager you should install nodejs (<https://nodejs.org/>)
 - Install eslint to check your code (npm install -g eslint)
 - open a terminal (or cmd)
 - run eslint (i.e. eslint ./js/task1.js)

Code should be without 'errors'

SUBMIT

- The **FL18_HW4** folder without **task** folder should be uploaded to GitLab repository "**FL-18**" into **main** branch.