

### Backend task:

- Implement the SignalR Hub, make it work with the frontend
- Hub "ChatHub" is provided, implement your hub logic in there
- Add docker support to the project, both frontend and backend should be contained in 1 signal container

### Frontend task:

- Rebuild your project by using yarn
- Read the package.json for run and build the project
- Connection with SignalR hub initialize when the page is loaded
- Display the connection stage in section 1
- Once the hub is in "Connected" stage display content of section 2
- Once section 2 content loaded display amount of windows currently open on this page in the other word: display the amount of connection to the hub
- In the section 2 build an input field which allow user to type in their message
- Build a [Send] button which sends the message in the input field to all other window via SignalR
- A display area which displays your own message as Green background and other's message as blue background
- The display area should display message in real time
- Feel free to change any code