

MiniChat Project II - The Return

The project is a **Chat Web App**, groups will be set *randomly*, you will use PHP and some CSS Preprocessors Less & Sass !

What you need, is what you already learn : HTML, CSS, PHP, JS and/or jQuery !

And finally you will have the total freedom to use plugins or framework (e.g.: Bootstrap or Foundation or Material Design Light).

Specifications Templates

- French version
- English version

Features

That's a chat, you have to let people discuss together, of course:

- First make one big global channel, and after allow other channels like private discussions ;
- Let users choose a pseudo and maybe defined an avatar (check Gravatar) ;
- Let people send Emoji Smiley, Links, Pictures, Youtube Videos, User Tags, etc.. (you will use **REGEX**) ;
- Make everything looks great (with a lot of **CSS**) and don't forget the app have to be responsive, think about how it will look on mobile devices!

Design

Here few advices and tricks to help you to work together on the same project code.

First work with whole team on global design, next split the team, between for example Backend and Frontend developers, the good idea is to use demo function, e.g.:

```
/* DEMO FUNCTIONS */
```

```
var sendMessage = function (message) {  
    console.log("DEMO: sendMessage: " + message);  
};
```

```
var retrieveMessages = function () {  
    var messages = [  
        { pseudo: "Roméo", message : "Ô Roméo ! Roméo ! pourquoi es-tu Roméo ? Renie ton père"
```

```

        { pseudo: "Juliette", message : "Dois-je l'écouter encore ou lui répondre ?" }
    ];
    console.log("DEMO: retrieveMessages : " + messages);
    return messages;
};

```

The purpose is to start to code the interface and test using these functions and **in the same time** an other member of the team can work on the function to make them work with real data.

Ressources

REGEX (REGular EXpressions)

- https://en.wikipedia.org/wiki/Regular_expression
- You can check it online with <https://regex101.com/> & <http://regexpr.com/>
- and practice a bit here: <https://www.hackerrank.com/domains/regex/>

For example: `:smile_cat:` will be replace by ``.

AJAX

- https://en.wikipedia.org/wiki/Ajax_%28programming%29
- You can read the official jQuery documentation <https://api.jquery.com/jquery.get/> & <http://api.jquery.com/jquery.ajax/>
- and a bit of OpenClassrooms <https://openclassrooms.com/courses/simplifiez-vos-developpements-javascript-avec-jquery/premiers-pas-avec-ajax> & <https://openclassrooms.com/courses/un-site-web-dynamique-avec-jquery/le-fonctionnement-de-ajax>