

MiniChat Project II - The Return

The project is a **Chat Web App**, groups will be set *randomly*. What you need, is what you already learn : HTML, CSS, PHP, MySQL et JS!

You will use the framework Material Design Light. **You have to use the skeleton file `index-skeleton.php`** which is available in the root of this repository, you have to follow functional specifications.

This project is loosely based on OpenClassrooms - TP : un mini-chat!

Functional Specifications (already write)

- French version
- English version

Structure of the MySQL table

- **ID (INT)**: it will let us know in what order were mailed messages. It will set the **auto_increment** for the numbers to write themselves, and do not forget to select “Primary” (this tells MySQL that this is the field that numbers the records);
- **pseudo (VARCHAR)**: remember to specify the maximum size of the field (get to the maximum, “255”);
- **message (VARCHAR)**: Similarly, we will show a maximum size of 255 characters. If you think that your messages will be longer, use rather the type **TEXT**, much less limited.

Features

It’s a chat, of course you must let people talk together on a global channel, **without password login**, allowing users to choose a pseudo, messages are plain text.

Bonus

Level 1

- Remember the pseudo. We must now re-enter their pseudo for each new message. As you probably know, it is possible in HTML pre-fill a field with the value attribute. For example:

[]

- Replace **Alice** by the pseudo of the visitor. This pseudo can be from a cookie for example when post a message, you enter their pseudo in a cookie, which then allows you to pre-fill the field.

Level 2

- The mini-cat does not automatically update if new messages. However, you can easily do is provide a link “Refresh” to load the page again. Thus, if there are new messages, they will appear after clicking on the link.
- Refresh automatically every 30 seconds the page using **JavaScript**.

Level 3

- Display only the last 10 messages.
- Can you find a way to display the old messages? Of course, view them all at once on the same page is not a good idea. You could imagine a setting `$_GET[page]` which to choose the messages page number to display.

Level 4

- Let's users use Emojis! For example: `:smile_cat:` will be replaced by ``.
- Let's users use Markdown! For example:

[]

will be replaced by

[]

Level 5

- Allow other channels, such as private discussions.