

I know I wasn't required to write a report, and though this will be more casually written than an actual report, I still usually include a document like this, going through the code and what the intentions behind it is. I'll also mention some of the currently known bugs or errors that I either haven't had time to fix or didn't fully know how to fix.

## The PHP-scripts

Most of them function quite the same way: they make a connection to the MySQL database and either fetch or insert information based on the ajax.post call that was made from the javascript file. They are based primarily on the knowledge from my final project, where we (my partner and I) made the same kind of connection and calls as here.

I'm unsure as to whether or not it's necessary to make a separate connection to the database in each of the files, but I haven't delved much into alternative solutions.

The PHP-files come in pairs, as I see it: Login.php & RegisterUser.php, and Note.php & Create\_Note.php. One fetches data with a SELECT query, the other inserts data with INSERT.

## Home.js

A lot of the javascript/JQuery in here is inspired a lot by my final project as well. In that we used AngularJS, so it wasn't directly translatable, but still I was able to get the most out of it.

My main concern was, that I wanted to make sure the html file and the php-scripts (and thereby the database) was separated. Initially, I had html forms calling the php files directly through the action-attribute, but this proved to be a bit messy, as I would then have had to write html inside the php files, which I don't particularly like. But as you can see, I managed to separate them rather nicely, I'd say.

As is probably also clear, I'm a bit used to code in an MVC pattern, so it was a bit hard to not have frameworks that supported that.

## Styling

First of all, I'd like to say that I usually style using Bootstrap, and I was unsure whether it was implied with the assignment, but I assumed it wasn't. So having to style *without* that was a bit of a challenge and I don't know how well I succeeded at that. I think it's all-right prototype-wise, but were I to do this for myself, I would definitely use the bootstrap library to make it much better.

## Known Errors/Bugs

Due to different reasons, either time constraints or skill, there are a bunch of things I haven't been able to fix. Here's a list of the ones I know exists:

- The logout button usually doesn't show up
- When logging out, the user is returned to the 'login-view', but the fields aren't cleared

- If logging out and logging back in, the notes from before persist and duplicates are made
- When registering new user, the fields won't clear even though the registration goes through
- None of the error messages will display