**Project Report**

**Note Taking Web**

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Technologies used :

1. Backend (PHP).
2. Database (MYSQL phpmyadmin).
3. Front-End (Javascript, jQuery, AJAX).
4. Styling (HTML, CSS, Bootstrap).
5. IDE (PHP Storm).

**Test Account:**

**Username: admin**

**Password: adminadmin**

Introduction

In order for me to complete this task it was necessary a period of 4 days. I could have finished the task earlier but due to being very tight on schedule it took me a bit more.

What I did first was creating the database which consists of two tables (Users and Notes).

Users table contains basic information for each user (First Name, Last Name, Email, Password) and a unique id. This information is later used by the application to register and log users in.

Notes table contains basic information for each note (Note Title, Note Text, Creation Date) a unique id and the ID of the user that created it (foreign key between the two tables).

After creating the database I started implementing the code for the application. First I finished the login and register forms with their current styling. For the styling I did not spend to much time because designing is not my strongest point. The design is fairly simple but user friendly.

Login and register validation is done by using AJAX Post functions and if errors occur due to wrong credentials a modal is displayed with the current message on screen.

The part that was more challenging but also quite fun to work with was using AJAX to post new notes without having the whole page refresh and also editing and deleting notes without refreshing (asynchronously).

When a user creates a new note and posts it the note will automatically prepend above the last one. Notes have a descending order based on creation date.

As I mentioned above I enjoy a lot working on backend tasks and I have been doing so for nearly 3 years now using different frameworks also. (Laravel,Symfony). This does not mean that I am not eager to work on Front-End and learn a lot more about new frameworks and technologies that you use.