In this activity, I had to create a new user register system and a user login using PHP and MySQL. The new user register should be able to $POST the user’s input into the database. Also, it would need to hash the user’s password in the database for better protection against hackers. The login should direct the user to the webpage upon a valid login or notify the user of invalid email or password.

To start off with this activity, I created the backend of the system, which is creating the **Database** and **Tables**.

A screenshot of a computer

Description automatically generated

Once the database and tables are created, HTML, PHP, and CSS files are created for the frontend.

**Snippet code for registering a user:**

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**Snippet code for CSS:**

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**Register Form:**

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**Snipped code for Login:**

**A screenshot of a social media post

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**Login Form:**

**A screenshot of a cell phone

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**Another Backend, the processing of the user login and register form:**

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**Also, for this activity, we had to create hash password for the users for security purpose. Hash can only be seen on the client-side database:**

**A screenshot of a social media post

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