**Login and Registration**

Context:

The user needs to register a new account and sign into the account to gain access to the web app and be able to schedule meetings.

Problem:

* The user must be able to sign into their account if they already have it or register a new account if they do not have one.
* The user must not register with the same email address more than once.
* When registering the user must put a valid email address and a strong password

Solution:

* Create separate pages for signing in and registration
* If the user has an account, login details are verified using the database to see if the account exists. If the verification is successful, the user can gain full access.
* A registration page for new users, the registration page checks the user inputs and provide feedback if the inputs conform to the requirements (email containing @ and password containing a number, a letter and a special character and password length)
* When registering, the email input is checked to see if it exists in the database to avoid having many accounts with one email.