

3.1 Description validation form login.

1. Requirements for input data:

After user registers successfully account. User will use their account to login to system.

- For username: to login to system, use username as email, so I use 'input tag' with type 'email'
- For password: the password has to follow 4 constraints. They contain at least one lowercase letter, at least one uppercase letter, at least a number, and minimum 8 characters.

2. How it works

- Client-side validation (HTML + JavaScript): When user login to system, JS will initial check by catching invalid data, and user has to fix it straight away. Without fixing it, data will be not sent to server.
- Server-side validation (PHP): When users enter data that satisfied 4 constraints, data will be posted to server (login_processing.php). Here server will query data to database to check whether username and password is correct or not. If username and password is correct, the page will redirect the user to dashboard page, otherwise, the user has to login again.

3. Method for re-login

- In case the user chooses 'remember me' button, the system will save username and password as cookie. So in the next time, user login with the same account, the system will load username and password to screen, and user don't have to re-type again username and password. User just press 'login' button.