

The validation on the password did not match up. The JS was looking for characters between 6 and 20 but python was expected at least 8 characters.

Password Lightbulb

Tick!

Confirm password

```
// Live validating the password
password = document.getElementById('password')
password.onkeyup = function(){
var passw = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{6,20}$/;
var input = document.getElementById('password')
if(input.value.match(passw))
{
$("#validatedPassword").removeClass('hidden');
}
else
{
$("#validatedPassword").addClass('hidden');
}
```

```
check_username_availability = mongo.db.user_credentials.find_one({'user_email': new_username})
print(check_username_availability)
if check_username_availability == None:
    while True:
        if (len(new_password)<8):
            flag = -1
            break
        elif not re.search("[a-z]", new_password):
            flag = -1
            break
        elif not re.search("[A-Z]", new_password):
            flag = -1
            break
        elif not re.search("[0-9]", new_password):
            flag = -1
            break
        elif re.search("\s", new_password):
            flag = -1
            break
        else:
            flag = 0
```

I fixed it by altering the JS. It now looks for characters between 8 and 20.

```
// Live validating the password
password = document.getElementById('password')
password.onkeyup = function(){
var passw = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,20}$/;
var input = document.getElementById('password')
if(input.value.match(passw))
{
$("#validatedPassword").removeClass('hidden');
}
else
{
$("#validatedPassword").addClass('hidden');
}
```