

CS4750 EC Milestone

Group Member: Xin Sun (xs7tng), Wenhao Xu (wx8mcm)

Functionalities:

1. Register Page

## Register

Username:

Email:

Password:

Register

Already have an account? [Click here to login](#)

Fig 1

# Register

Username:

Wenhao Xu

Email:

wx8mcm@virginia.edu

Password:

...

Register

Already have an account? [Click here to login](#)

Fig 2

正在显示第 0 - 1 行 (共 2 行, 查询花费 0.0005 秒。)

[SELECT](#) \* FROM `Person`

☐ 显示全部 | 行数: 25 | 过滤行: 在表中搜索 | 按索引排序: 无

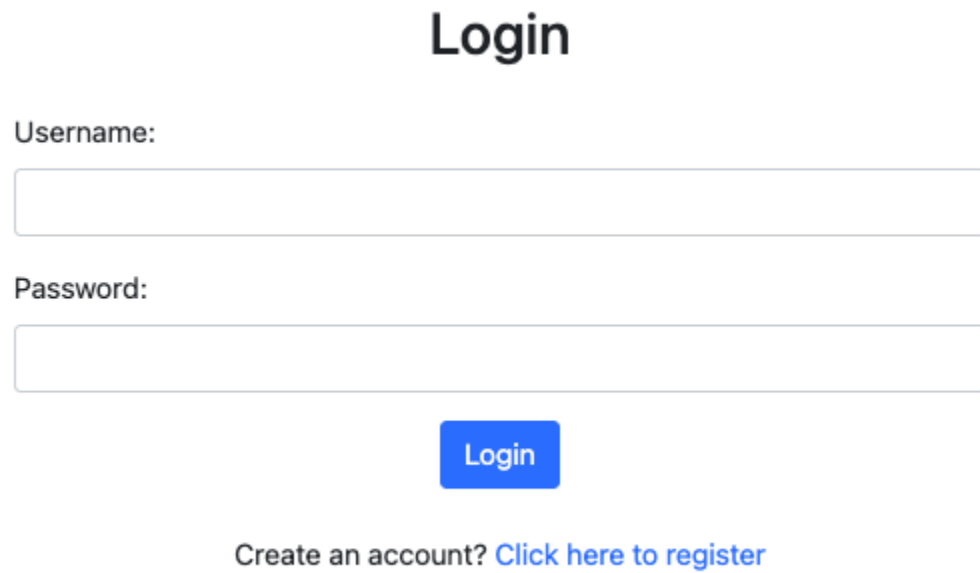
	person_id	username	email	password
<input type="checkbox"/> 编辑 复制 删除	5	Derek Sun	xs7rng@virginia.edu	\$2y\$10\$9jUsZBYFjLdvjujdtssolDOU1mL0e0pXfXUXjOaPTS...
<input type="checkbox"/> 编辑 复制 删除	6	Wenhao Xu	wx8mcm@virginia.edu	\$2y\$10\$XLBvGiYxdOTbTK89c1YI9e/JMnLIHFAsWwhyO0gi.kp...

↑ ☐ 全选 选中项: 编辑 复制 删除 导出

Fig 3

After typing required fields for creating a new account as shown in the above picture, we can see a new account is added in the Person table.

## 2. Login Page

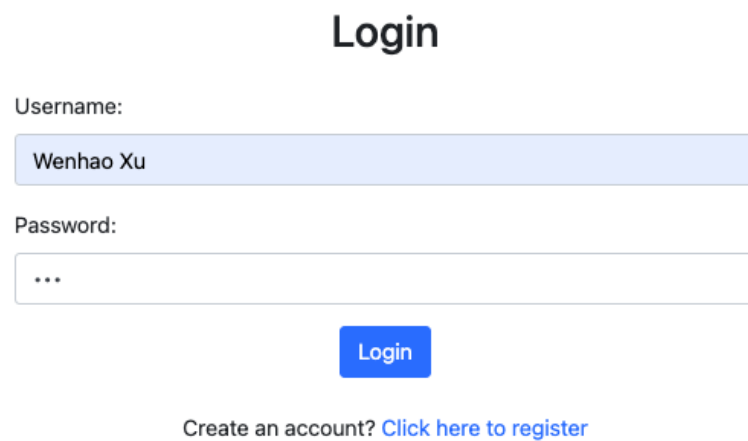


A diagram of a login form. At the top is the title "Login" in a large, bold, black font. Below it are two input fields: "Username:" followed by a white rectangular box, and "Password:" followed by a white rectangular box. Below the password field is a blue rectangular button with the text "Login" in white. At the bottom is the text "Create an account? [Click here to register](#)" in a smaller black font, where the link is blue.

Login

Create an account? [Click here to register](#)

Fig 4



A diagram of a login form with pre-filled data. At the top is the title "Login" in a large, bold, black font. Below it are two input fields: "Username:" followed by a light blue rectangular box containing the text "Wenhao Xu", and "Password:" followed by a white rectangular box containing three dots "...". Below the password field is a blue rectangular button with the text "Login" in white. At the bottom is the text "Create an account? [Click here to register](#)" in a smaller black font, where the link is blue.

Login

Create an account? [Click here to register](#)

Fig 5

Welcome Wenhao Xu!

[Logout](#)

Fig 6

After successfully logging into the account, we can see Welcome+ username!

Database security:

Hashed Password:

- Database security at the database level
- I store the hashed password instead of users' password inputs database to protect users' privacy and avoid developers from logging into users' accounts without their consent.

正在显示第 0 - 1 行 (共 2 行, 查询花费 0.0005 秒。)

`SELECT * FROM `Person``

☐ 显示全部 | 行数: 25 | 过滤行: 在表中搜索 | 按索引排序: 无

选项	person_id	username	email	password
<input type="checkbox"/> 编辑 复制 删除	5	Derek Sun	xs7tng@virginia.edu	\$2y\$10\$9jUsZBYfJLdvjujdtssolDOU1mL0e0pXfXUXjOaPTS...
<input type="checkbox"/> 编辑 复制 删除	6	Wenhao Xu	wx8mcm@virginia.edu	\$2y\$10\$XLBvGiYxdOTbTK89c1YI9e/JMnLIHFAsWwhyO0gi.kp...

↑ ☐ 全选 选中项: 编辑 复制 删除 导出