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IMSE2113 Information System

COMPREHENSIVE USER GUIDE

Lululemon store Inventory Management System

ABOUT

The system's purpose is to help employees of lululemon retail store across Hong Kong manage their inventory position, replenishments and keep track of the staff records. The level of management is identified as below, following by their authorities:

1. Store managers/Assistant store managers (Administrators)
- Item management: log new items with item information, manage existing items
- Staff management: register new staffs, manage staff's profile, assign/unassign items to staff.
2. Educators (Web users): after signing in
- Item management: log new items with item information.
- View logged activities: view your assigned items.
- Personal information management: see your profile, change password.

LOGIN CREDENTIALS

Store managers (Administrators)
Username: imse2113admin
Password: imse2113admin

Educators (Users)
1. Test user 1
   Username: imse2113user1
   Password: 12345678hku123
1. Test user 2:
   Username: imse2113user2
   Password: 12345678hku

SET UP

1. Run Visual Studio Code with Python 3.10 installed.
2. Download, Extract all and open the project folder "Django_3035709576".
3. Activate the virtual environment: Settings/Command Palette/Python: Select Interpreter/Python 3.10.1 64-bit ('Django-env': venv)

4. Open a new Terminal (Command Prompt as Default), prefix of the command should be (Django_env), run the following commands:
- python -m pip install --upgrade pip
- pip install django
- pip install django==3.2.11
- pip install django-crispy-forms
- python manage.py makemigrations
- python manage.py migrate
- python manage.py runserver (main command to start the program)
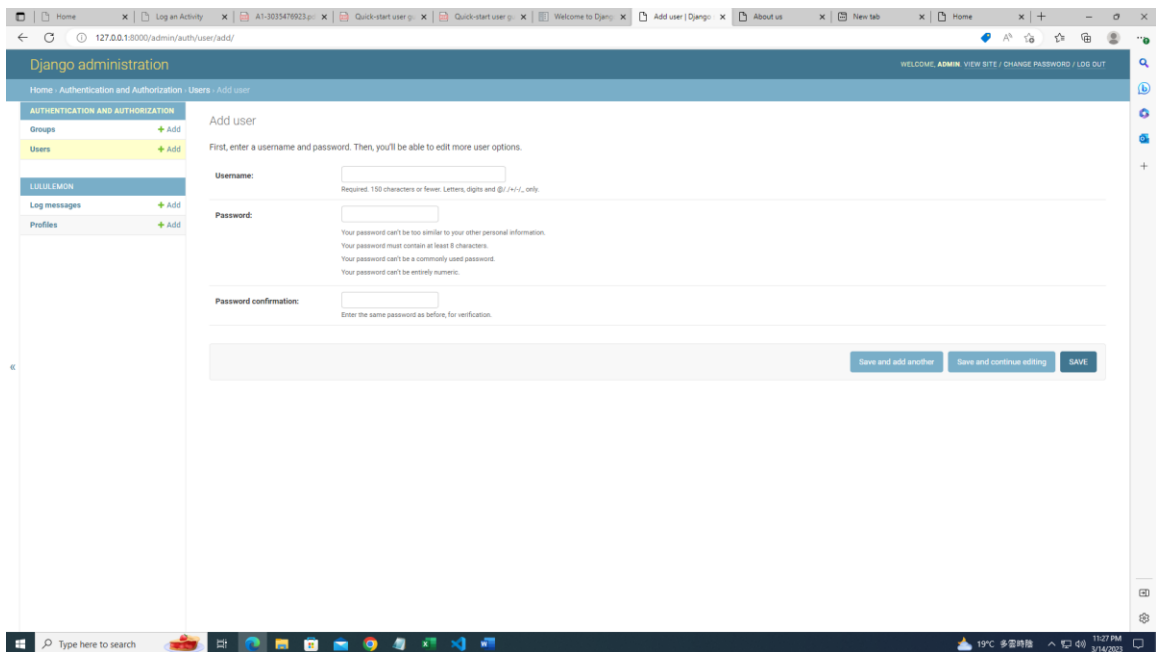
FEATURES OF ADMINISTRATORS

Website: Site administration | Django site admin (http://127.0.0.1:8000/admin/)
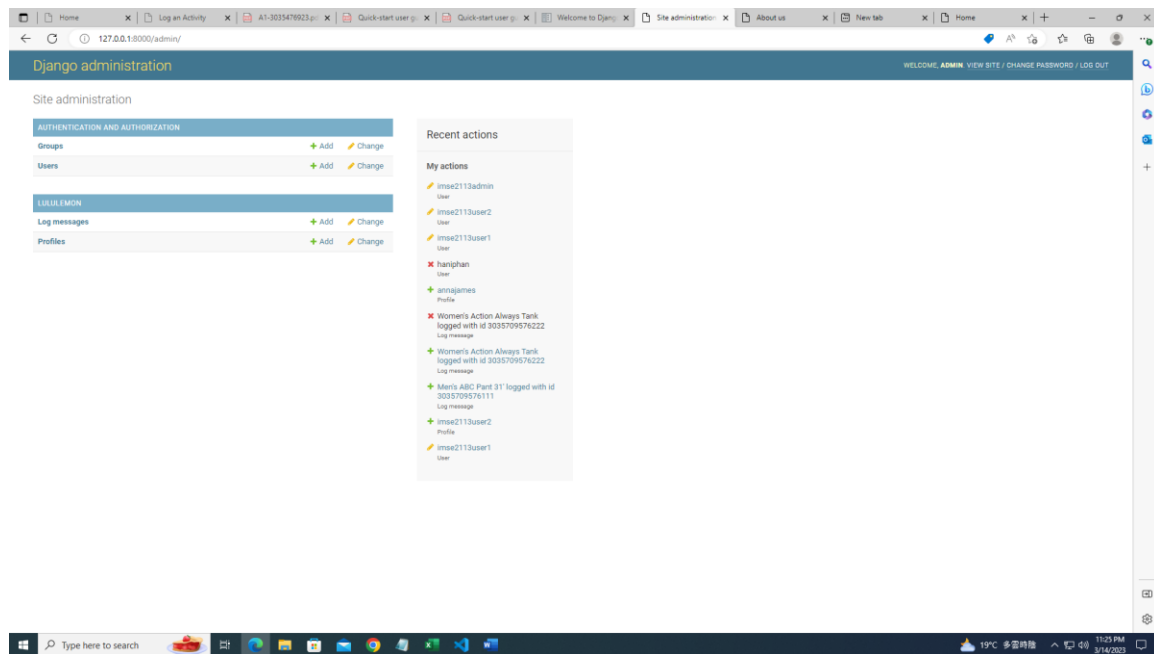
1. **Staff Management**
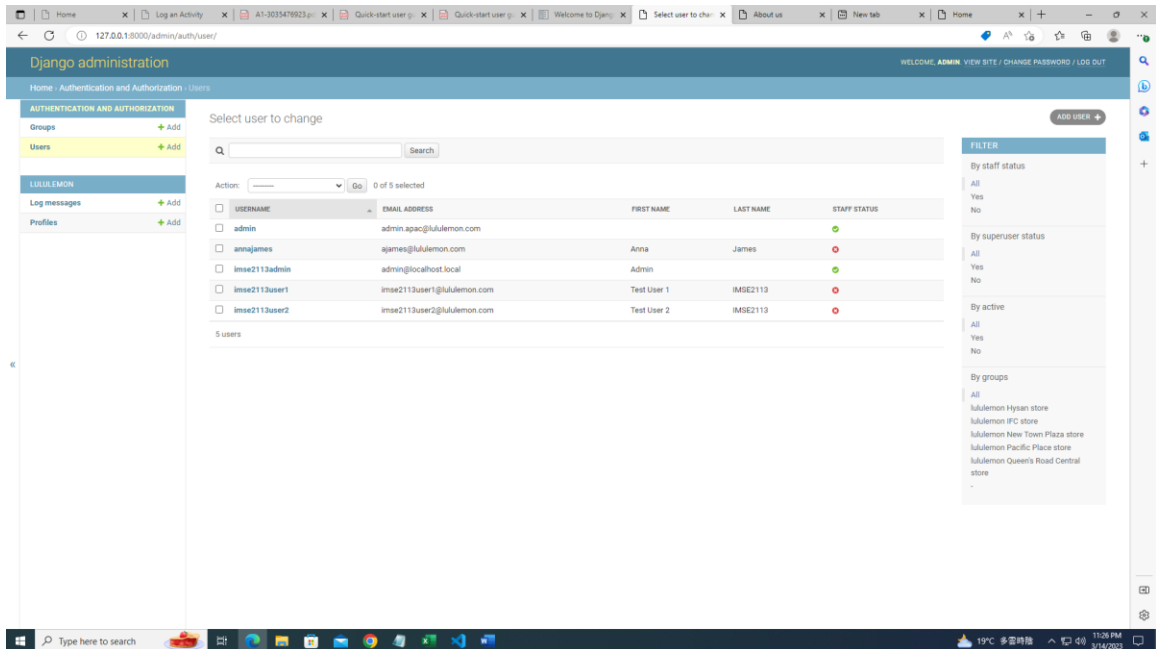
- Register new groups or users: To add new user, click on "Add user" in the top right corner and fill in the according information, hit Save.

- To edit/delete a user: Select the user, you can edit their basic information, permission, dates or entirely delete the user.
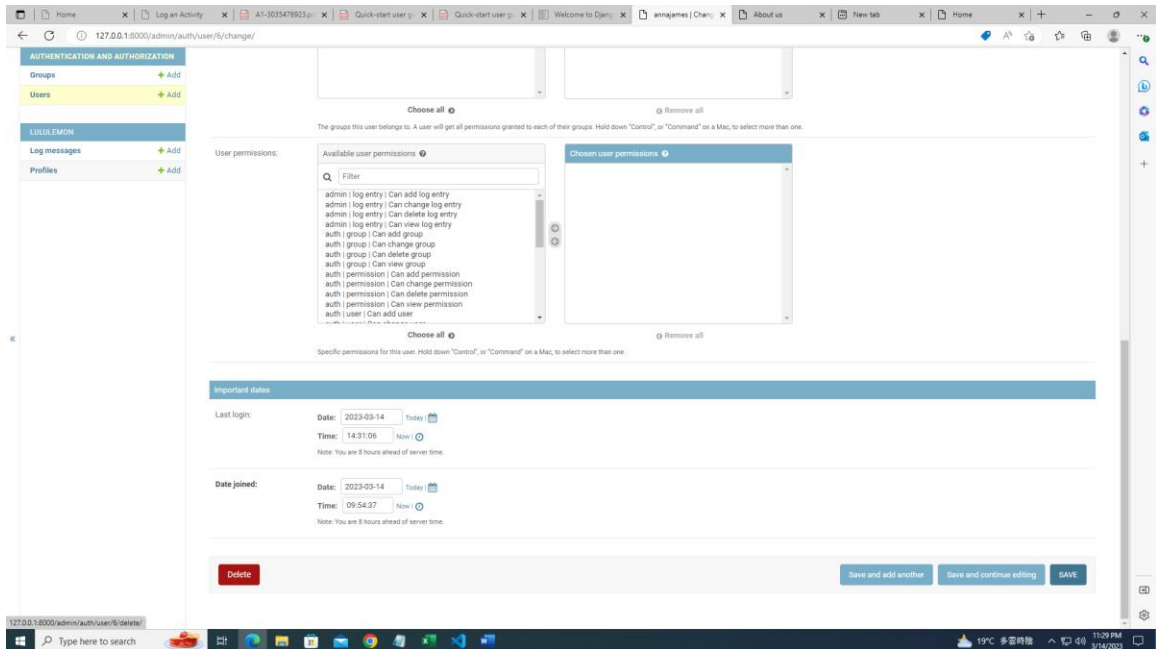
2. Item Management:

- To log Activity/Item, select "Log message" under "LULULEMON". All the logged activities will be displayed as below:
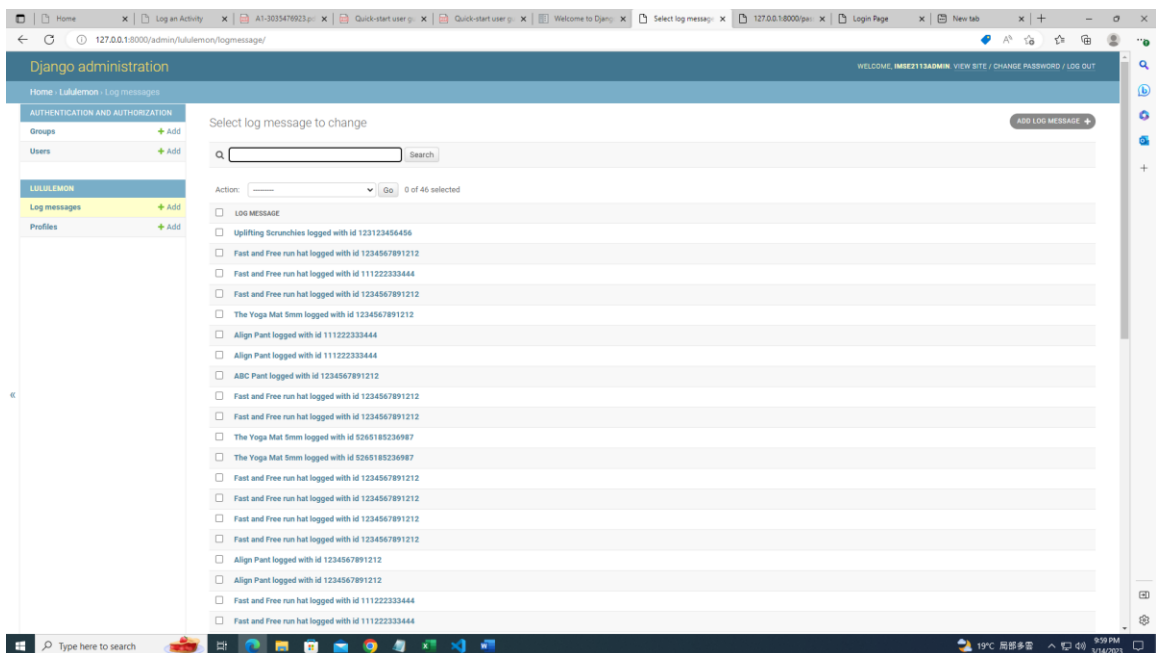
- To assign user to an item, select "Add log message" on the top right corner. Input the following information: staffname (who do you want to assign the item to), QR Code (13-

digit identification number of the product), Product (name of the product/item), Date logged (will be automatically logged based on the current time). Hit save.

- Below is an example for assigning a product to user "imse2113user1".

- Check the history of the logged activities of the user by selecting "History" on the top right corner.
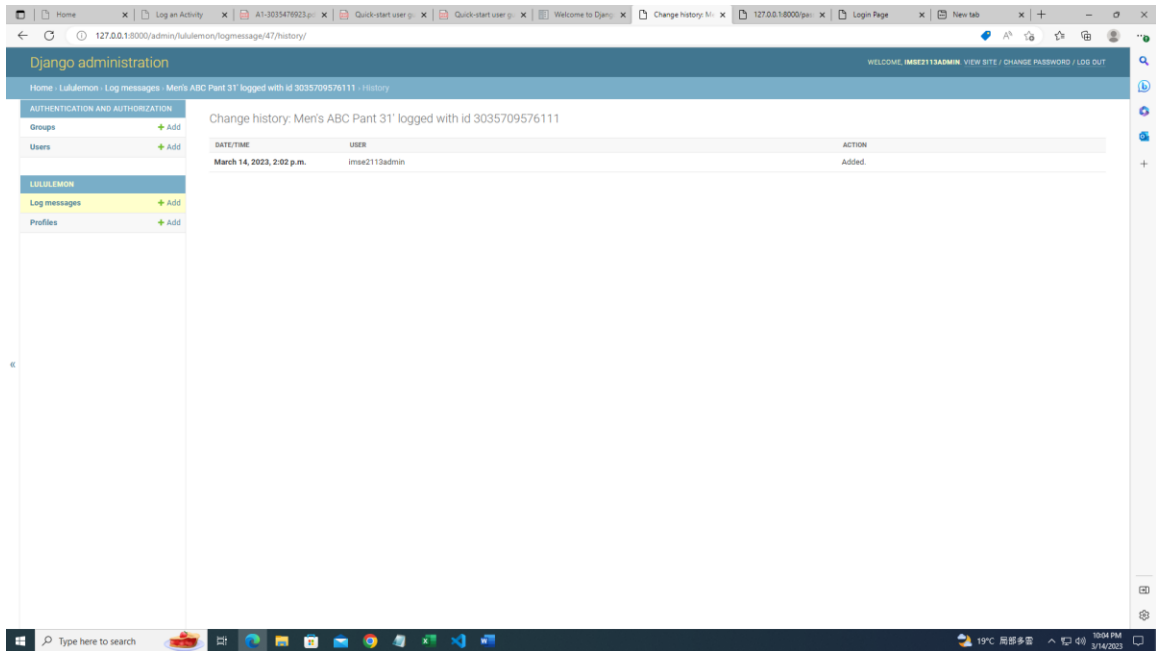
- To unassign an item to a user: select the logged activity, "Delete" and "Yes, I'm sure" to unassign.
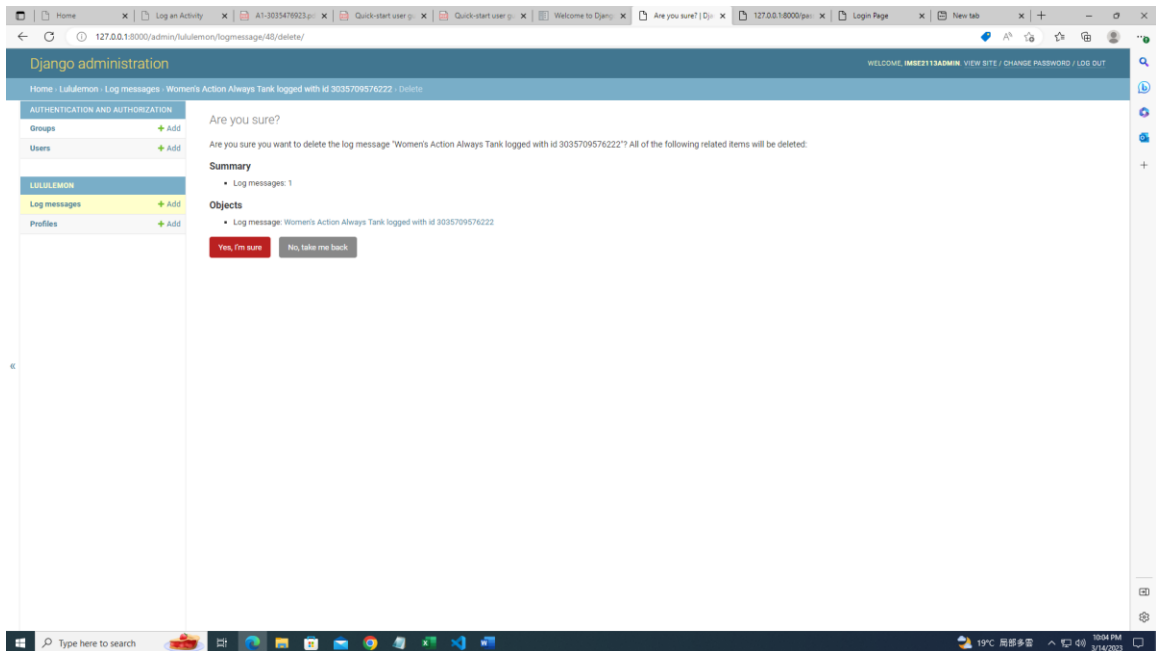
- To create profile for users: Select "Profile" under "LULULEMON". A list of users whose profiles have been updated will be shown as below.
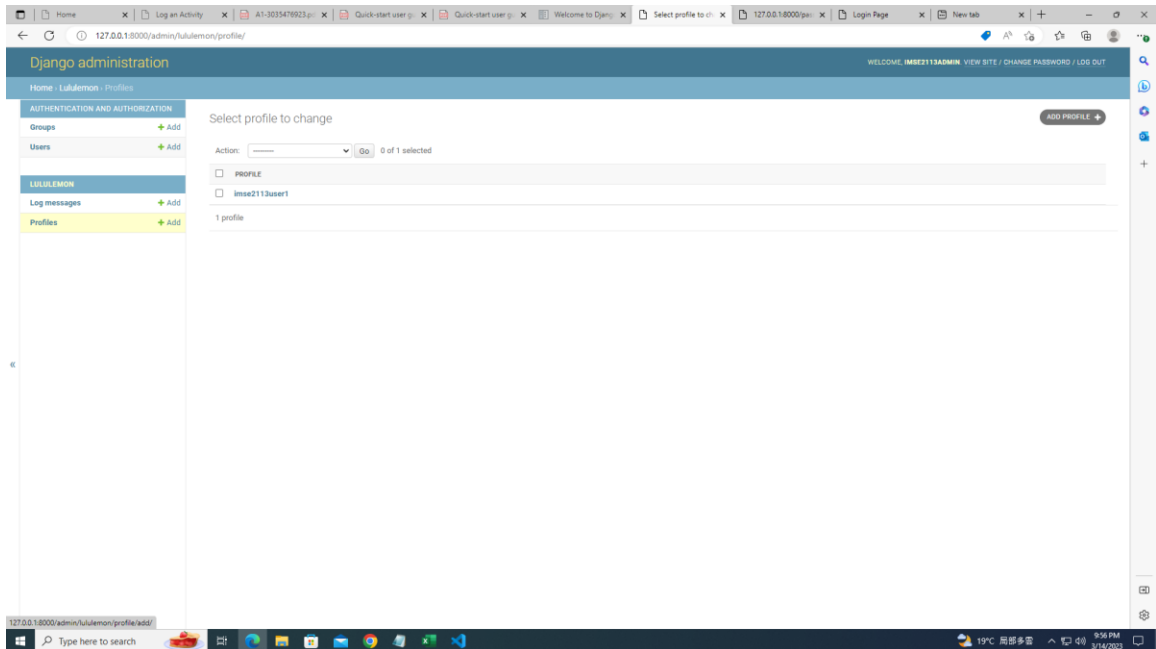
- To create a new profile for a registered user: Select "add profile" on the top right corner. Select among the current user by clicking the drop down box, upload a profile picture of the user by clicking "Choose File", write a bio about the user, then hit Save.
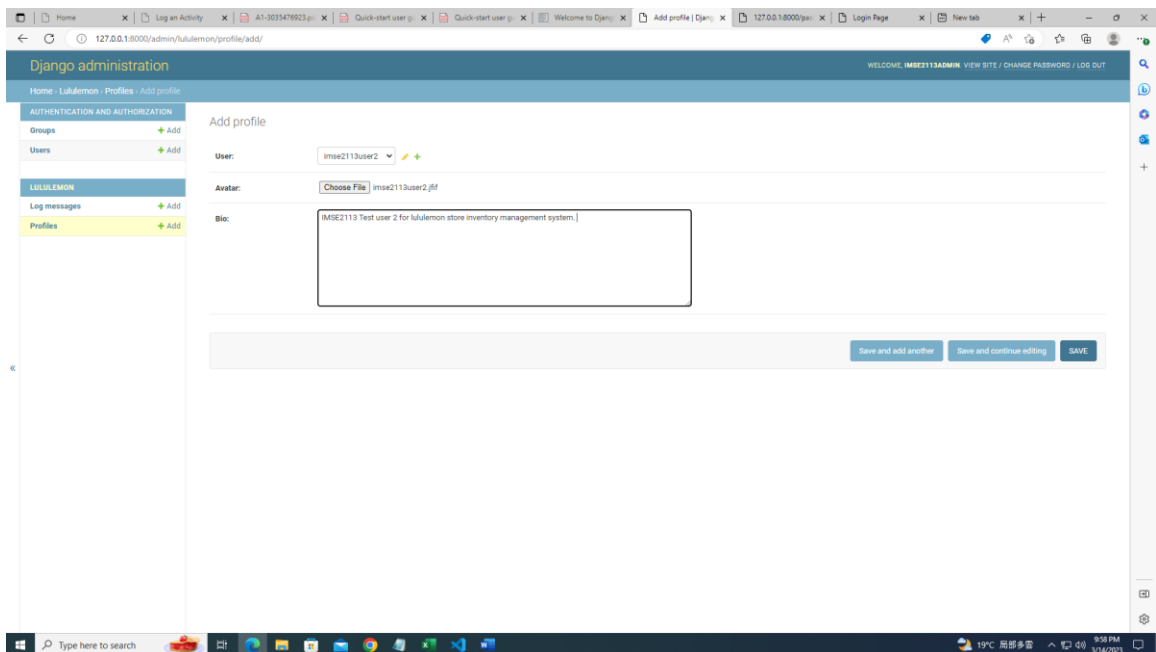
FEATURES OF USER

Website: Home (http://127.0.0.1:8000/)

When the user is not logged in, the website will be shown as below:
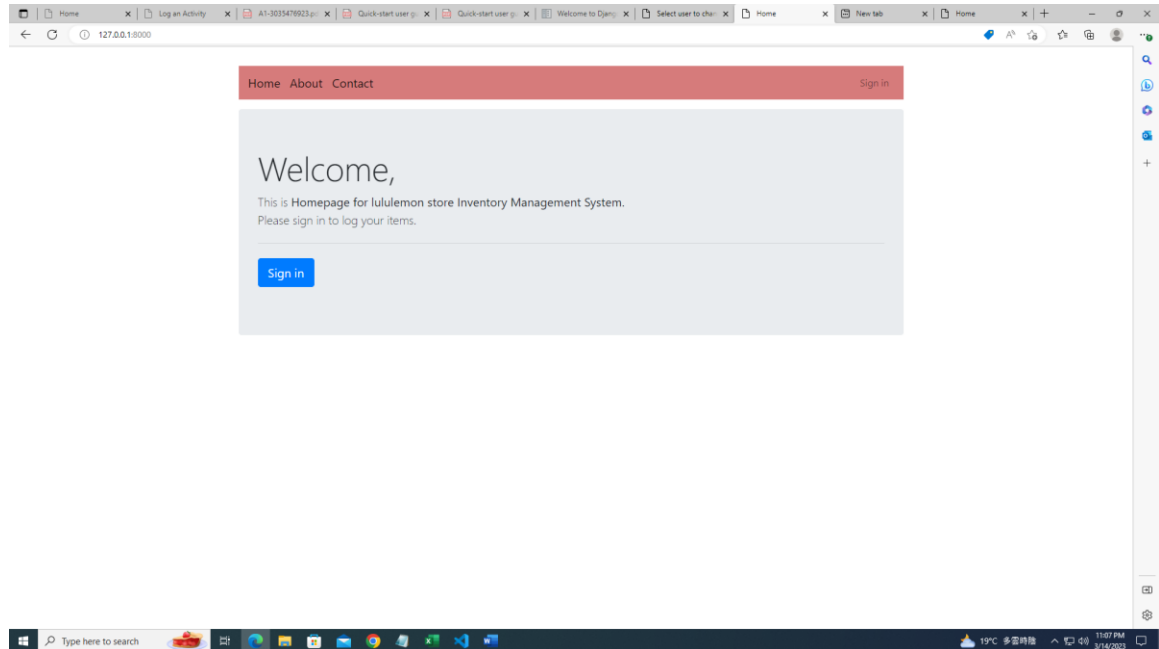
1. **Sign in:**
- To sign in, click on "Sign in" and input the login credentials.
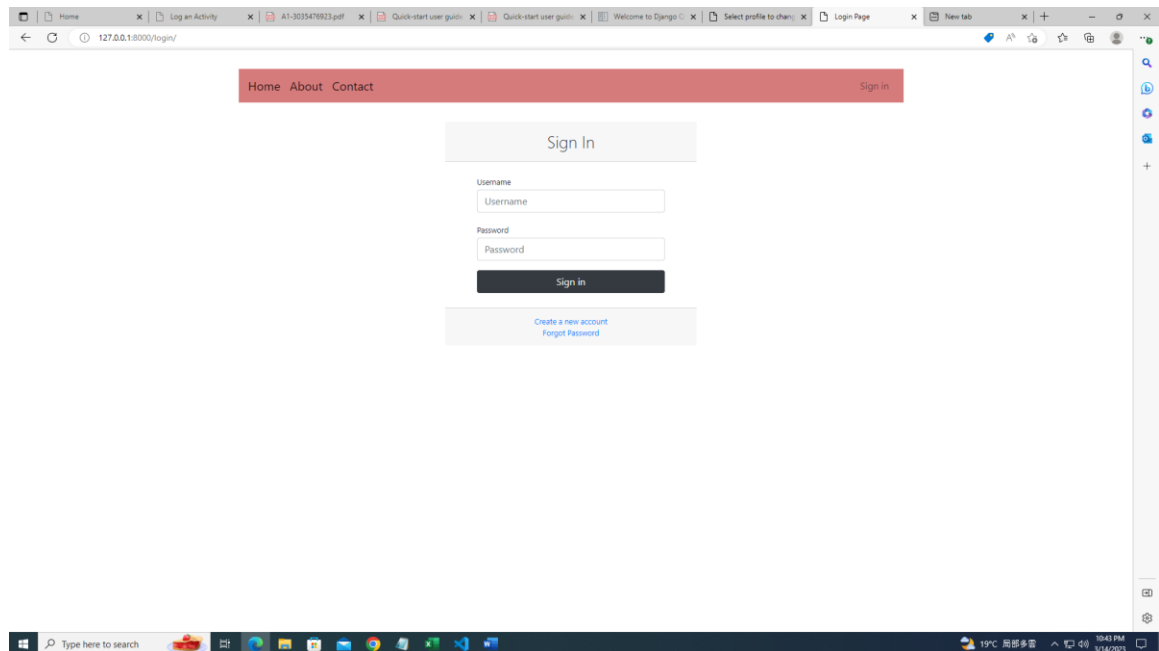
- If the user's login information is not correct, the page will ask you to re-input.
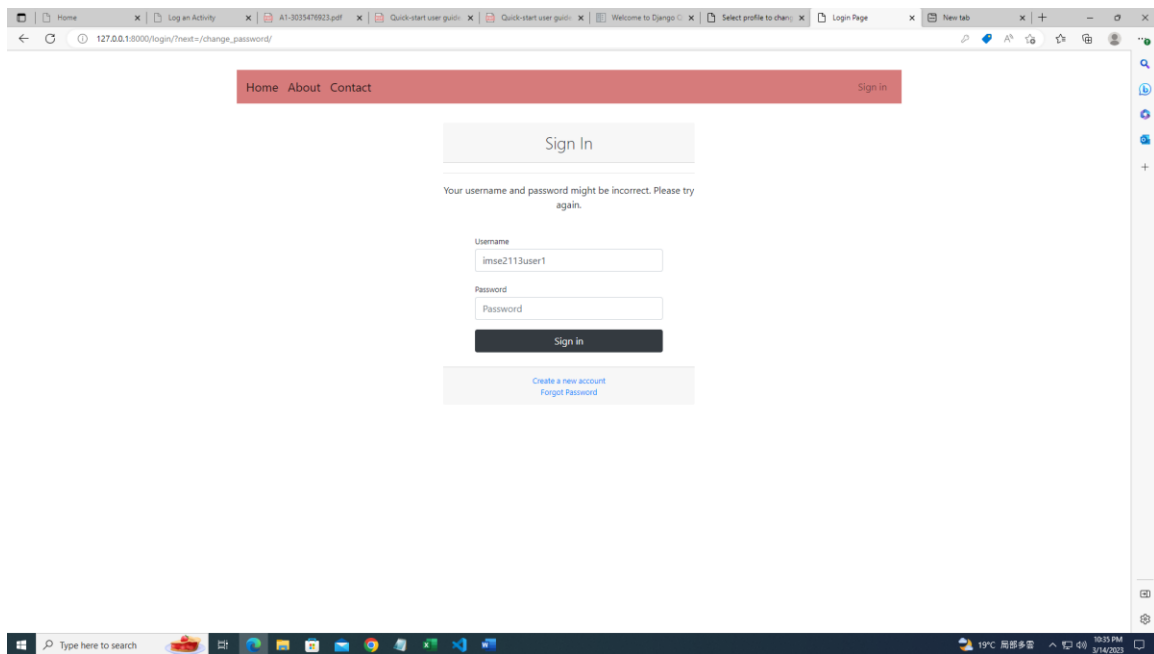
- After logging in, this is the homepage of user. The navigation bar will show "Log Activities"/"Profile"/"Logout" which is only visible to authenticated users. They now can view all logged activities made by administrators or other users. They can also logout, view their profile, make changes to their profile or log activities.
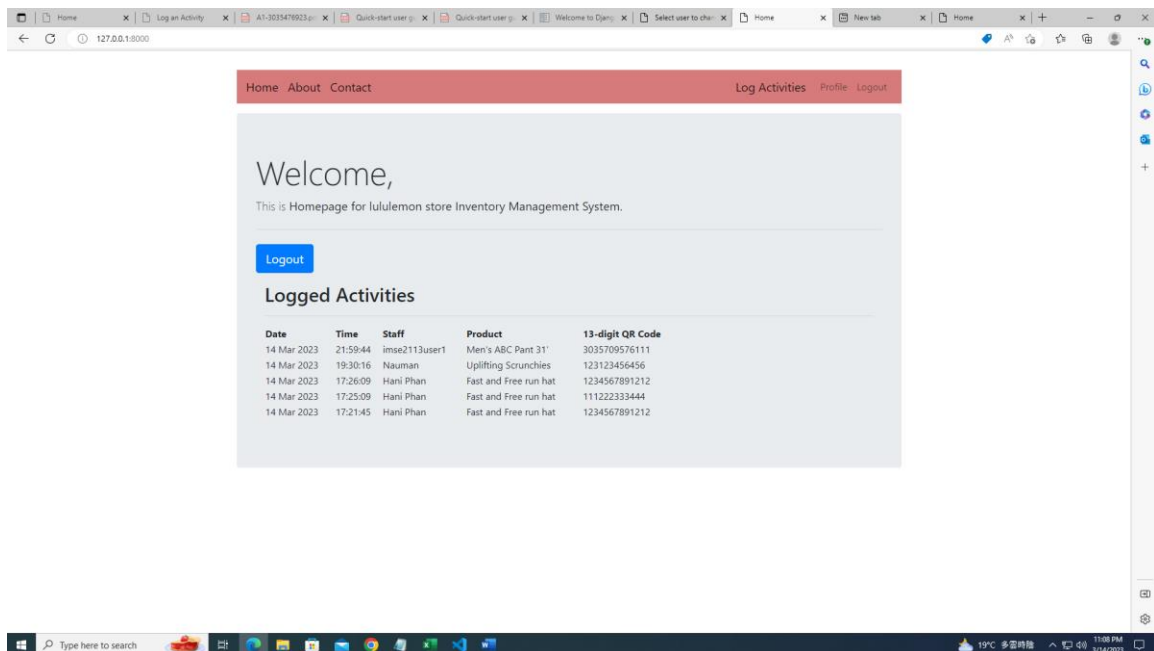
2. Log items/activities:

- input their username, product name, and 13-digit QR Code, hit "Log".

3. To view or make changes to user profile:

- Select "Profile". User can change their username, email, and bio. Hit save or reset.

- To change password: Select "change password". Input old password, new password and confirm.

4. Log out of the system:

- Select "Logout", the logout view will be shown as below:

5. Create a new account

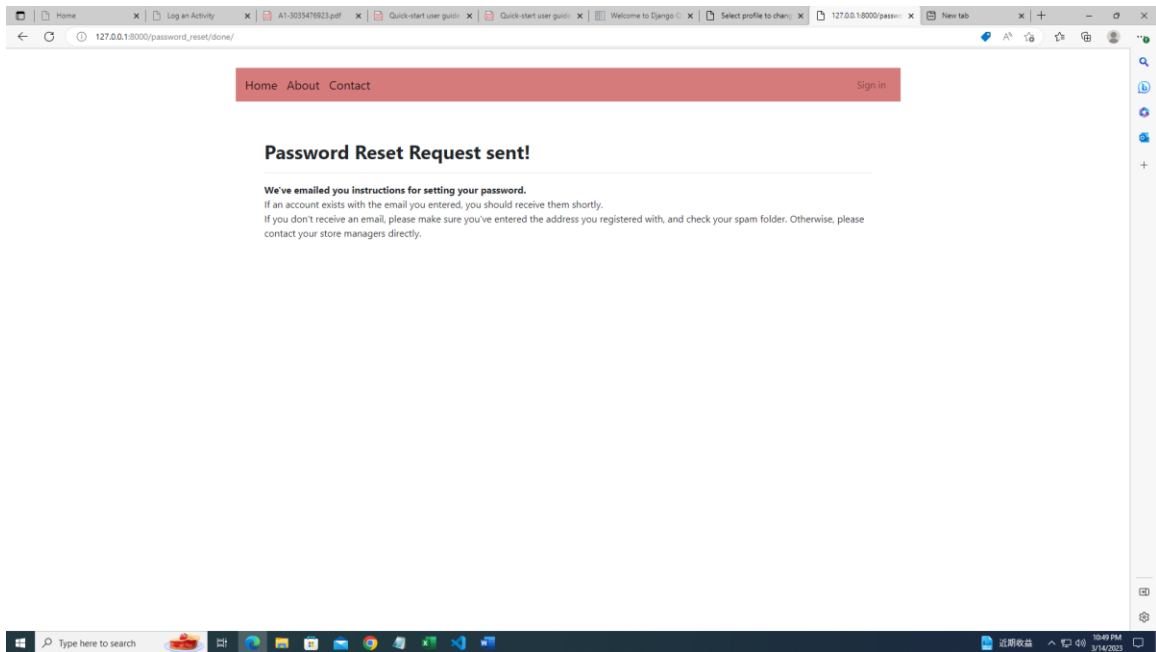- Under "Sign in", select "Create a new account". Fill in all the necessary information as below, hit Sign up.

6. Reset password

- If user forget password, select "Forget password" under the "Sign in", they will be directed to a page where their email for the registered account is required.
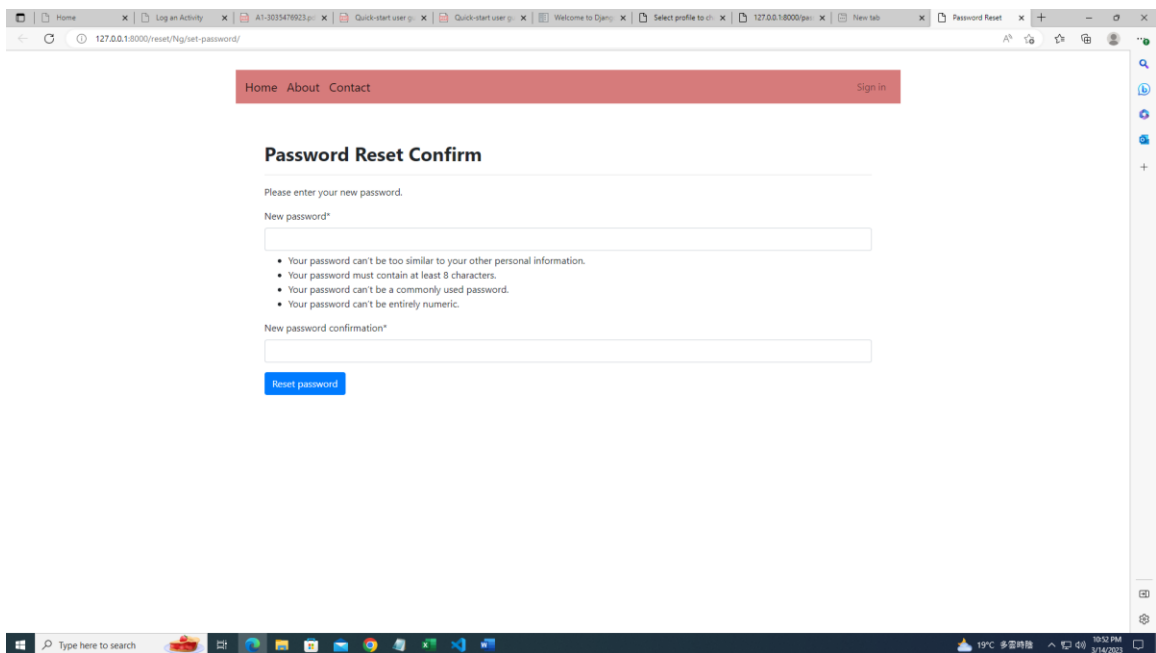
- After submitting the email, the notification will show.

- For testing, in the terminal, the password_reset.txt will output a link for resetting password as below:

http://127.0.0.1:8000/reset/Ng/bl2q1s-9e753e4c40d60800ba0f1b4b072c183a/

- Password Reset Confirm

- Reset password complete.

Home   About   Contact   Sign in

Your password has been set. You may go ahead and
Login Here