

## Guidance

1. How to access the website on cslinux
  - a) Connect to “eduroam” Internet, or use VDI.



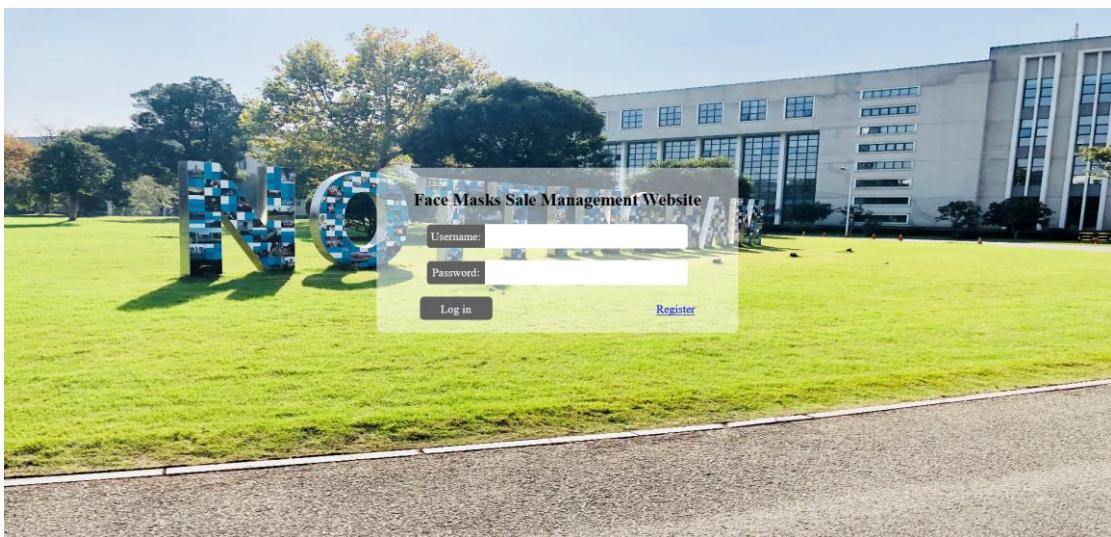
- b) Open a web site, and enter  
<http://cslinux.nottingham.edu.cn/~scylj1/secret/login.html>  
Then you can see the log in page.

2. How to test the system

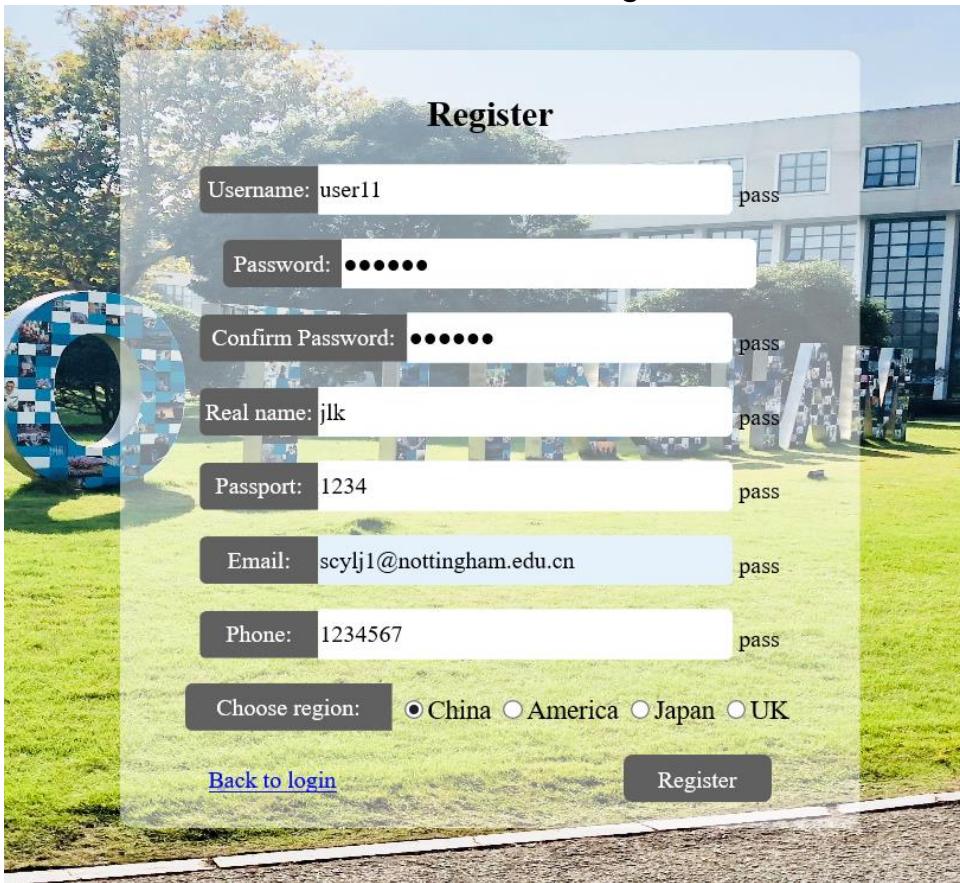
In general, for every user input, you can try several invalid input, and you will get prompt. For the abnormal inputs, you can read “Reference”, which explain in detail that what kind of abnormal inputs would corresponding to which prompt. So, the following chart will only show correct input, and you can try invalid inputs by yourself.

- 1) Customer part.

Open the log in page, and click “register”.



Write correct information, and click register.

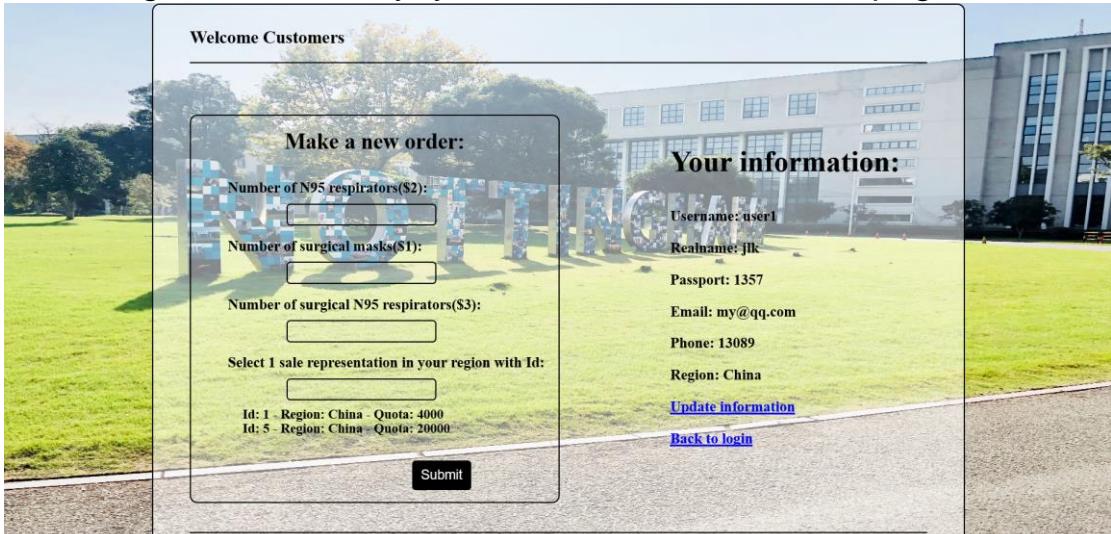


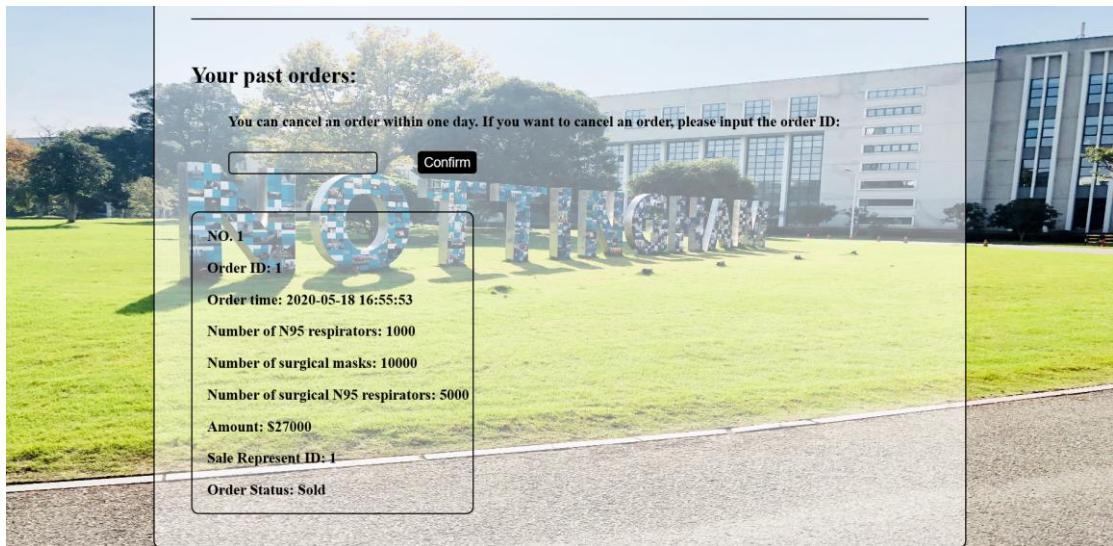
When register successfully, it will back to login page in 2 seconds, and you can log in with your username and password to check if this function is available.

Also, several accounts and ordering records have already been set up. You can use the following accounts to enter the website.

Customer: username: user1      password: 123456

When log in successfully, you can see the customer page.

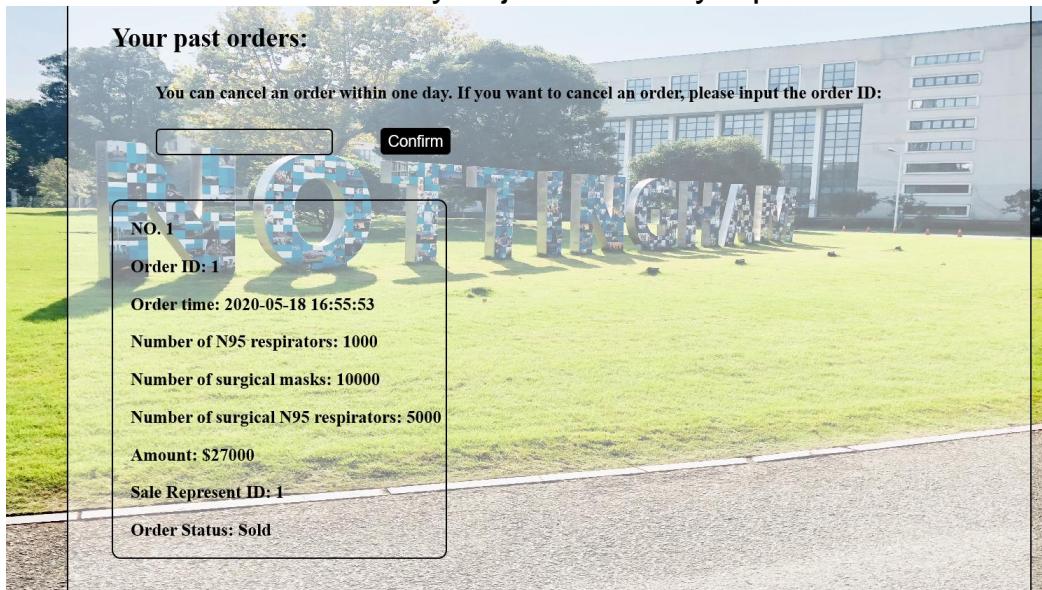




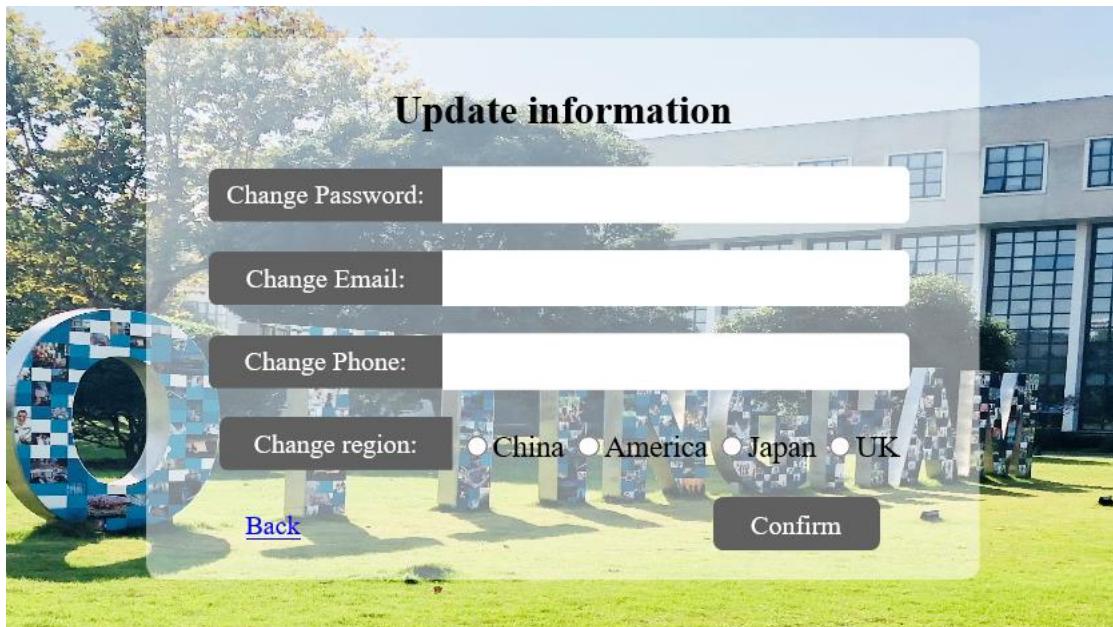
You can make a new order. When ordering successfully, you can see it in the past orders.



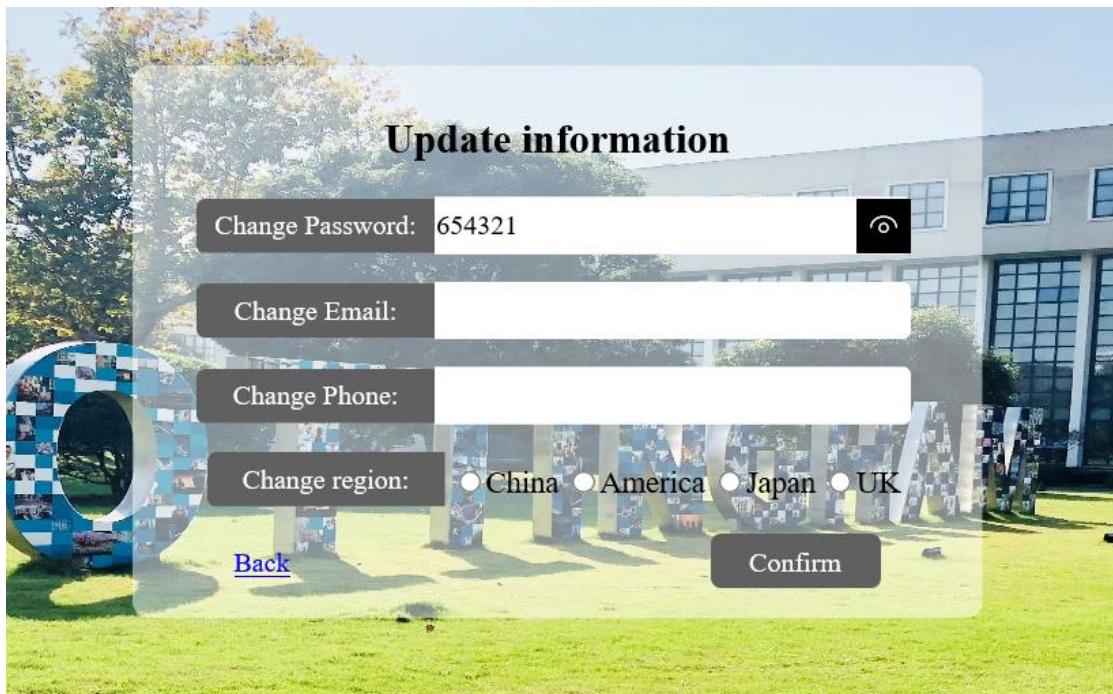
You can cancel the order you just made by input the order ID.



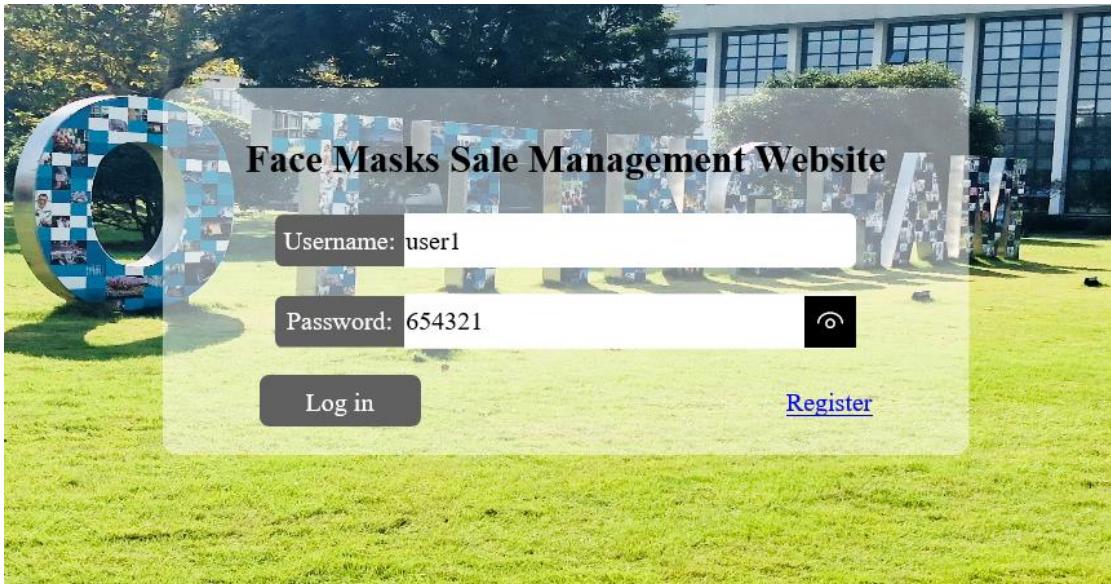
You can click “Update information” to update personal information, including password, email, phone, region.



The input can be empty, which means you do not want to change this information. You can change it by yourself, and log in again, you can see the updated information. For example, change the password to “654321”, and click “Confirm”.



Then you can log in the system with the new password.



Make an order that exceed rep1's quota to make preparation for the following test.

A screenshot of a web browser showing an order creation page. The page has a header "Make a new order:" and several input fields. The first two fields, "Number of N95 respirators(\$2):" and "Number of surgical masks(\$1):", both contain the value "4000". The third field, "Number of surgical N95 respirators(\$3):", contains the value "1000". Below these is a dropdown menu labeled "Select 1 sale representation in your region with Id:" containing the option "1". At the bottom, a message states "Id: 1 - Region: China - Quota: 4000" and "Id: 5 - Region: China - Quota: 20000". A large red error message "Quota exceeded" is displayed prominently. The "Submit" button at the bottom is disabled and grayed out. The background of the page shows a large, stylized letter "O" composed of numerous small, colorful images of people's faces, similar to the one in the login page.

## 2) For reps part

You can login with the following account and see the reps page.

Reps: username: reps1 password: 123456

**Welcome sales representatives**

You can delete the ordering record if the customer's ordering amount exceeds your quota

Order ID :  Confirm

**Your information:**

Username: reps1  
Realname: sff  
Employee ID: 1  
Email: fads@qq.com  
Phone: 23457  
Region: China  
Quota: -5000  
[Back to login](#)

**Your order in processing:**

**NO. 1**

Order ID: 4  
Order time: 2020-05-28 22:11:18  
Number of N95 respirators: 4000  
Number of surgical masks: 4000  
Number of surgical N95 respirators: 1000  
Amount: \$15000  
Customer information:  
Customer ID: 1  
Username: user1  
Real name: jlk  
Passport: 1357  
Email: my@qq.com  
Phone: 13089

**Your order completed:**

**NO. 1**

Order ID: 1  
Order time: 2020-05-18 16:55:53  
Number of N95 respirators: 1000  
Number of surgical masks: 10000  
Number of surgical N95 respirators: 5000  
Amount: \$27000  
Customer information:  
Customer ID: 1  
Username: user1  
Real name: jlk  
Passport: 1357  
Email: my@qq.com  
Phone: 13089

You can see that the order you just made exceed the quota, so you can input the order ID to delete this order. After delete it, your quota is available and the order is deleted.

Welcome sales representatives

You can delete the ordering record if the customer's ordering amount exceeds your quota

Order ID :  Confirm

Your information:

Username: reps1  
Realname: sff  
Employee ID: 1  
Email: fads@qq.com  
Phone: 23457  
Region: China  
Quota: 4000  
[Back to login](#)

Your order in processing:  
0 results

Your order completed:

NO. 1  
Order ID: 1  
Order time: 2020-05-18 16:55:53

### 3) For manager part.

You can log in with the following account.

Manager: username: manager password: 123456

You can view the anomalies and click “DELETE” to mark it as normal. Also, you can view many statistics.

Welcome Manager

Abnormal ordering

Anomalies:  
Order ID: 2 - Reps ID: - Remaining quota after this order: -5000 [DELETE](#)

Statistics

Masks statistics:

Total no. of masks sold:  
With anomalies: 41000  
Without anomalies: 16000

Customers statistics:

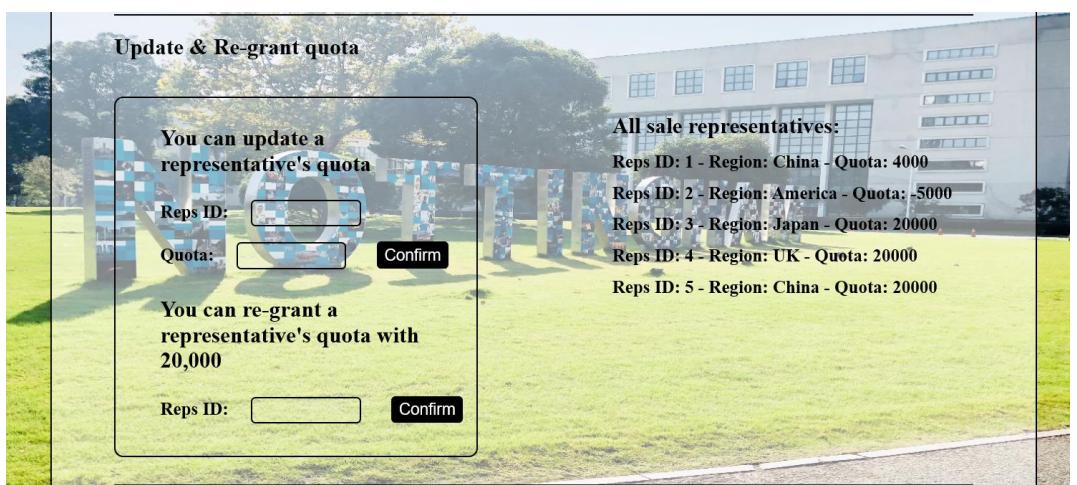
Total number of customers: 6  
Customers in China: 3  
Customers in America: 1  
Customers in Japan: 1  
Customers in UK: 1

Bar chart showing Masks statistics:

Category	Value
w/	41000
w/o	16000

Bar chart showing Customers statistics:

Category	Value
China	3
America	1
Japan	1
UK	1



**Check masks sold in specific condition**

**Check the specific ordering**

The order ID :  Confirm

**Check the number of masks sold by a specific representative(without anomalies).**

Reps ID :  Confirm

You can choose one region to check the masks sold there(without anomalies):

China  America  Japan  UK Confirm

**Check the number of masks sold in past weeks(without anomalies).**

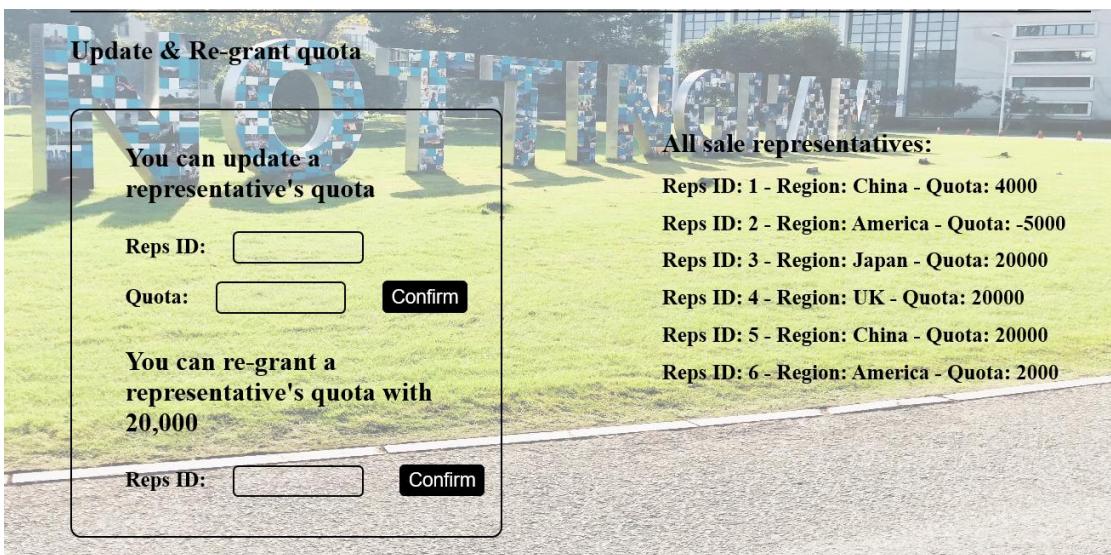
The number of weeks passed :  Confirm

[Back to login](#)

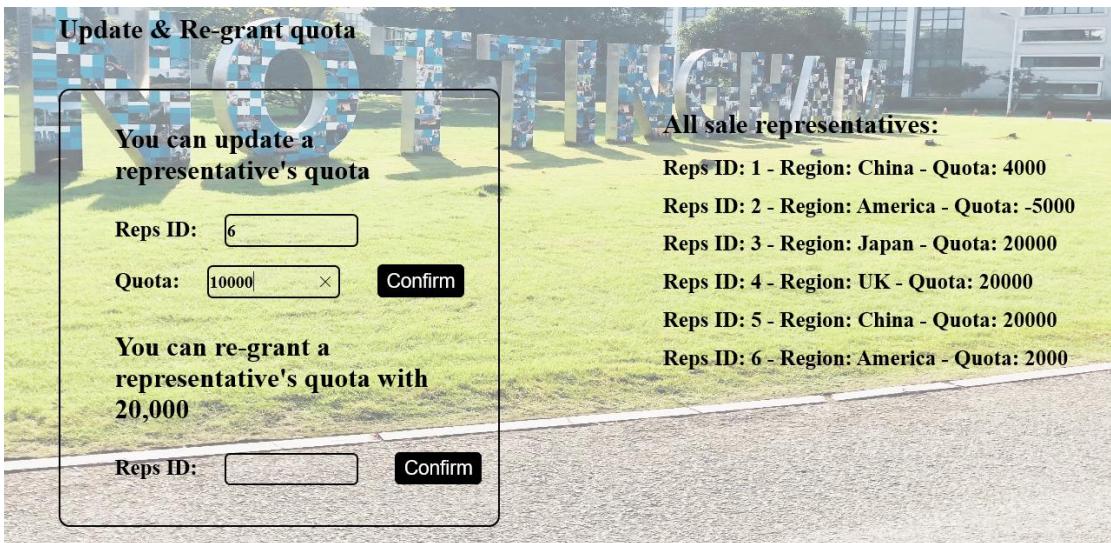
After delete the anomalies, the statistic will also change.

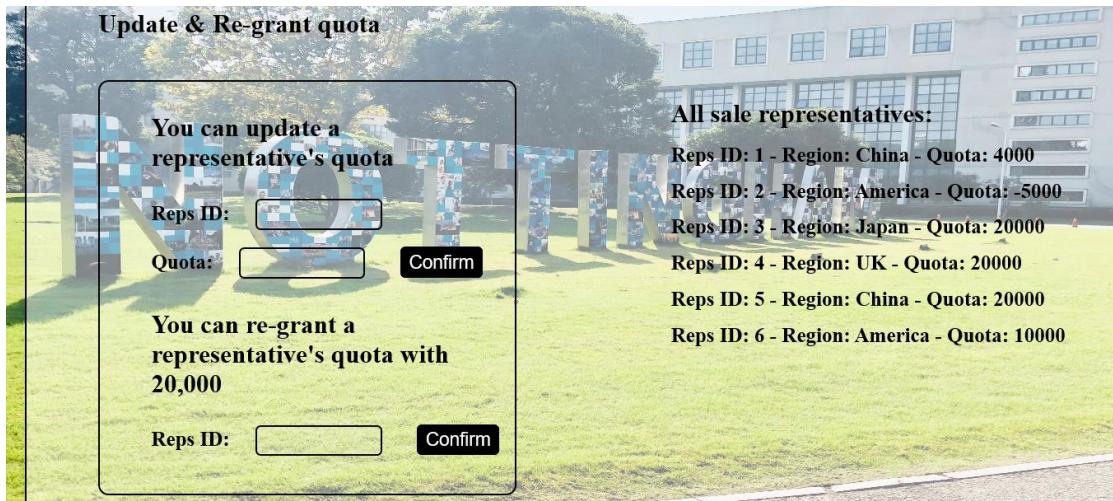


Assign a rep, and you can see it in the reps list

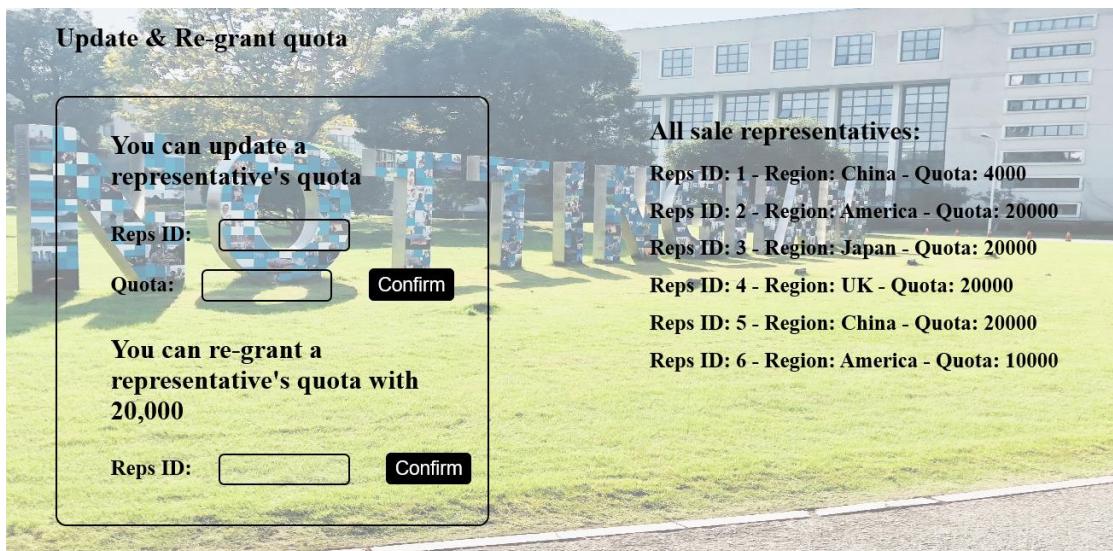
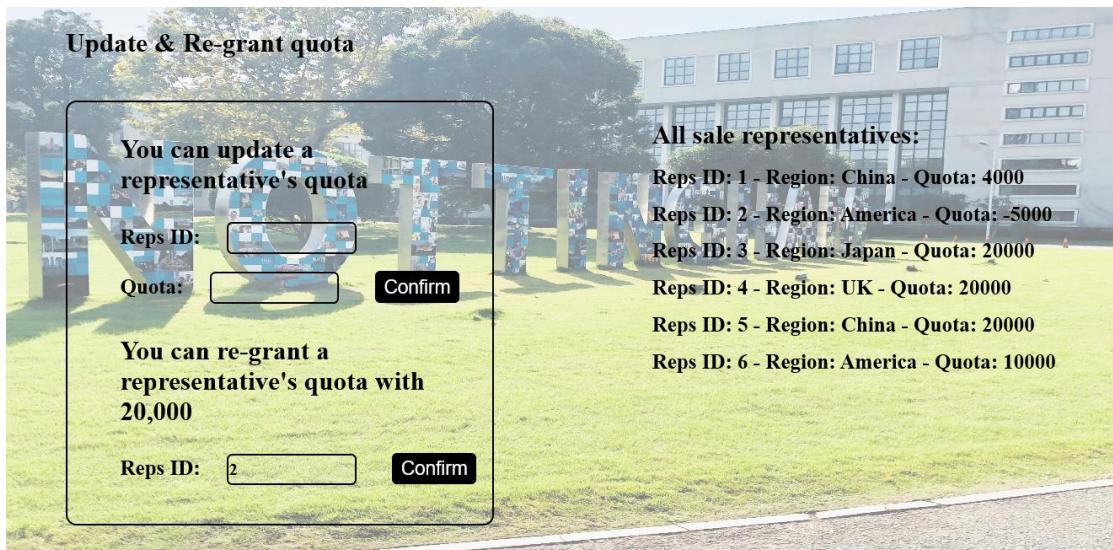


Updated a reps quota.

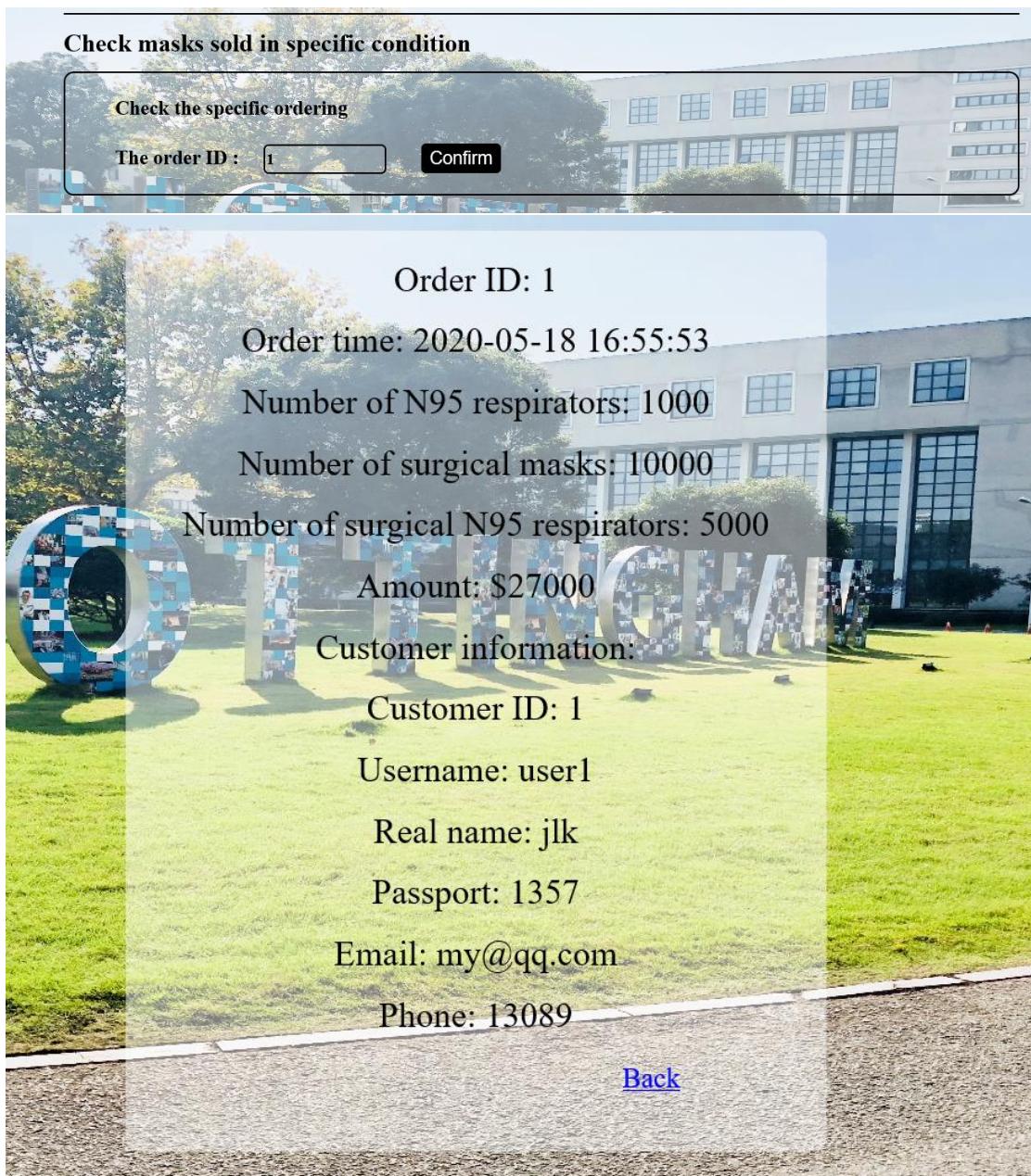




Re-grant quota.



Check masks sold in specific condition.



Check number of masks sold by a specific reps.





Check masks sold in specific region.



Check masks sold in past weeks.



