Example test file, include most of the operation in page, for more detail analyze about website, please see 'reference.pdf' part 3.

1. Test (this part can connect with '3.SMS' in report)

1.1 IF not execute create table statement, execute it first

In 'src/cw.sql'

1.2 Execute the 'test/initial.sql' script to initial database.

1.3 Goto 'http://cslinux.nottingham.edu.cn/~scywh1/src/login.php'

1.4 Test guest login

Click 'guest login' in login page, you can jump to customer index page (3.3.1).

In this page you only can do nothing except scan the info. Other operate is failure.

1.5 Test Customer

You test with username '', it will give a alert, not input blank, then you can try wrong password, it will alert 'wrong username or password' in login page.

Use username 'CHINAboy', password 'CHINAnice' to login, you will come

to info mask info page. You can try to go to purchase page by two way: click the hyperlinks 'purchase it', or the purchase in navigate.

After go to purchase page, you can input negative number, character or nothing in input to try it, it will reset to 0. You can click '+' and '-' on it. After try that, input '15' in surgical masks you can see the change of sum prize and each prize under this condition, then click 'purchase it'. It will show the reps you can choose, choose 'repsCHINA' and click 'choose it'. Then click 'order list' in the navigate. You can see the Finished order which is set before. In the processing order, you can see the order you purchase just now. Click 'delete', which is used for future in reps inform page. Then you can go to purchase page you can instead input something and click 'purchase it', it also show you to select, you click 'choose it', it will alert you, because you bought nothing, after that purchase 15 surgical masks again. Choose the same reps, you also can choose other, however, it may change the test step (also, I will mention later).

Go to the order list the new order show in there. The, go to inform page, you can see 'repsCHINA' cancel you order (which is also set before) and in ' order risk of being cancel' you can see the order you buy just now is here, because you buy is over the quota.

In Account page, you can choose to update email or other things to test it effect.

1.6 Test reps

Click 'log out', use username 'repsCHINA', password 'repsCHINA' to login, you can see the order finished (set before). Click 'processing order', it have a warning because just now customer buy is over the quota, therefore you have privilege to delete it (if you choose before is 'repsCHINA3' username is 'repsCHINA3', password 'repsCHINA3'). See the quota page, you can see your quota of sm is negative, and 15 can cancelled. See the customer statistics, you are the first one!!! Then go to Order list, delete the order over the quota. The order is disappeared in the processing page. Then go to inform page, you can see that inform about customer delete the order (you delete just now). Go to quota page, you can see quota is cover. For update, you can try in account page.

After that, log out and use CHINAboy login customer, in the processing order, it disappear and in the inform page, you can see 'repsCHINA' cancel you order (or 'repsCHINA3' if you choose is 'repsCHINA3'). Then purchase 15 sm again user for future operate in manager.

1.7 Test manager

Use username 'manCHINA' and password 'manCHINA' to login, you can see the inform first, which show you which reps your responsible quota is negative and cannot recover by cancel. Go to statistics, you can see the data in there. And you can choose to modify the price. You can try each part. In

account, you can try to modify you account. For 'manage reps sale', you see 'repsCHINA' you responsible quota is negative, you can re-grant, and set value to 10, and you can see quota is update to 5. Then click update, and set casual value, then you will find these quotas are update to the value you set.

For admin, you can login use username 'admin', password 'admin'. You can try to distribute 'repsCHINA' to 'manCHINA2' and when manCHINA2 login, he cannot check anything about repsCHINA (not belong he to responsible for).

These may be the whole process to test the whole website. Also, can do something you like to test it. Thanks.

1.8 Process in diagram