

User Manual
for Ramen Order System

Group 102

1. System Overview

This is an order system designed for the self-service administrator backstage management in a ramen restaurant.

In this system, customers can order the meal, sign up for the loyalty, log in, pay and get the ticket. More than one bowl of noodle could be ordered at the same order.

Managers could use this system to modify the price and storage of the items and check the sale statistic in different ways.

2. Open the Program



Open the program, you can see the interface, "Welcome to Totoro Ramen". Then you can choose the identity, customer or administrator.


2.1 Customer section

If you choose customer, it means you are going to order.

Order a bowl of ramen

The price of a ramen is 9.9\$

You can choose the flavor!



Affirmatively Chosen Items

Soup	<input checked="" type="radio"/> Tonkotsu	<input type="radio"/> Shoyu	<input type="radio"/> Shio
Noodles	<input checked="" type="radio"/> Soft	<input type="radio"/> Medium	<input type="radio"/> Firm
Spring onion	<input checked="" type="radio"/> No please	<input type="radio"/> Just a little	<input type="radio"/> A lot!
Nori	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Chashu	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Boiled egg	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Spiciness	<input type="range"/> <div>0 1 2 3 4 5</div>		

Notice: 0 (No) and 5 (Max)

Have Completed. NEXT

This interface shows the first step to order a bowl of ramen. You can choose the type of soup, noodles, the number of spring onion, and whether to put nori, chashu or boiled egg, and last,

choose spiciness. Then you can press the button **Have Completed. NEXT**

Order add-ons for your ramen

You can order add-ons with extra payments.

Optional Items

	Unit Price	Number
Extra Nori	1.0	1 <input type="text"/> - <input type="text"/> +
Extra Boiled Egg	1.0	1 <input type="text"/> - <input type="text"/> +
Bamboo Shoots	1.0	1 <input type="text"/> - <input type="text"/> +
Extra Chashu	1.0	1 <input type="text"/> - <input type="text"/> +

Back **Have Completed. NEXT**

Then you can order add-on, for example extra nori, and you can add numbers you want.

Then press the button **Have Completed. NEXT**

Then you can see your order .

Confirm your order

Confirm your order as follows:

Items	Number	Price
Tonkotsu noodle	1	9.9
—extra Nori	1	1.0
—extra boiled egg	1	1.0
—extra bambooShoots	1	1.0
—extra chashu	1	1.0

Dining options: ☒ Eat In ☐ Take Away
Total Price: 13.9

Add another bowl of noodles
Confirm!

You have order one bowl of ramen successfully. Then you can add another one. Press

Add another bowl of noodles

, then you can do it.

Confirm your order

Confirm your order as follows:

Items	Number	Price
Tonkotsu noodle	1	9.9
—extra Nori	1	1.0
—extra boiled egg	1	1.0
—extra bambooShoots	1	1.0
—extra chashu	1	1.0
Tonkotsu noodle	1	9.9
—extra Nori	0	0.0
—extra boiled egg	0	0.0
—extra bambooShoots	0	0.0
—extra chashu	0	0.0

Dining options: ☒ Eat In ☐ Take Away
Total Price: 23.8

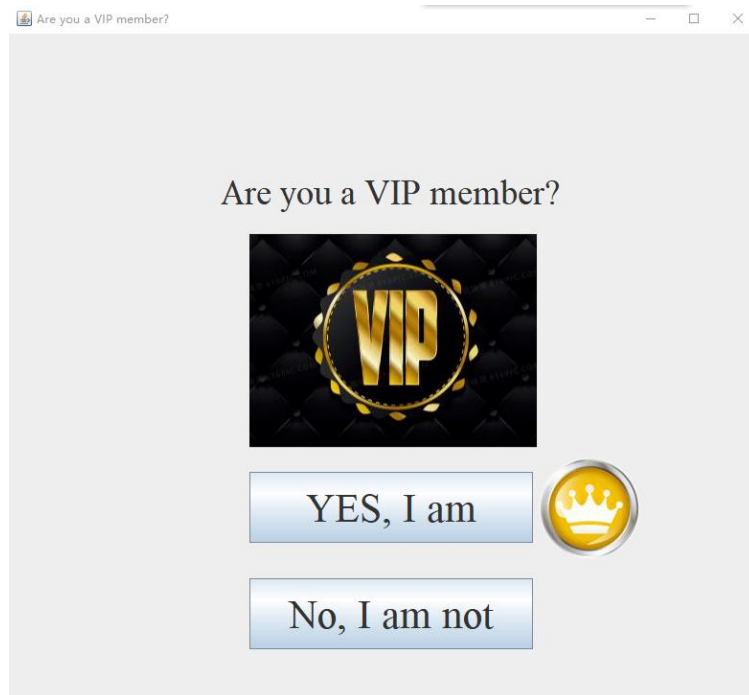
Add another bowl of noodles
Confirm!

Your order becomes like this, with another bowl of ramen. Then you can press

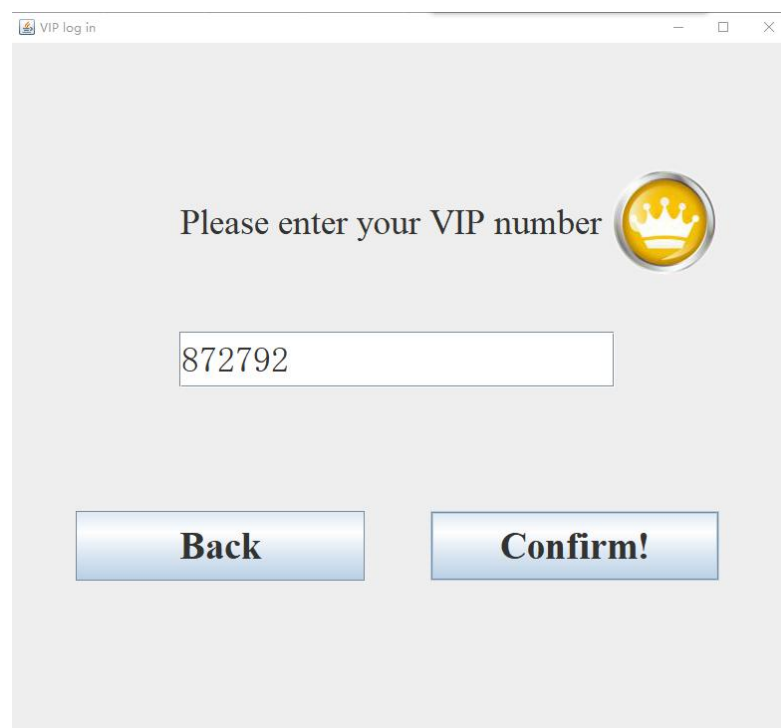
Confirm!


to go on.

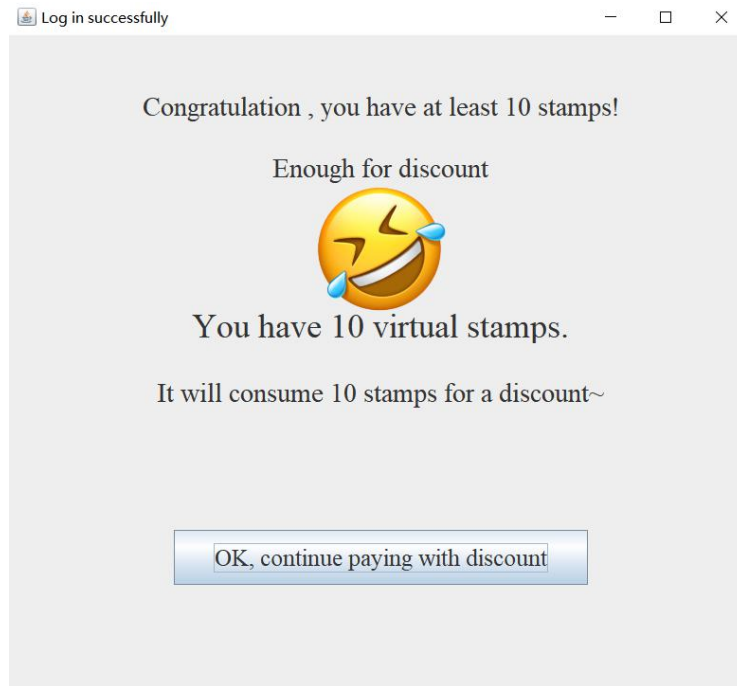
Next is VIP confirming.



If you have been a VIP member, choose the first button with a crown. If not, press the second. For example, I am a VIP member, and I choose the first.



I entered my VIP number, and choose .



Congratulations, you have 10 virtual stamps, and 10 of them will be used for discount. You can press the button to go on.

We have prepare a VIP member number who has already have 10 virtual stamps. The member number is 697184. You can use this member number to have discount quickly.

Items	Number	Price
Tonkotsu noodle	1	9.9----Discount
—extra Nori	1	1.0
—extra boiled egg	1	1.0
—extra bambooShoots	1	1.0
—extra chashu	1	1.0
Tonkotsu noodle	1	9.9
—extra Nori	0	0.0
—extra boiled egg	0	0.0
—extra bambooShoots	0	0.0
—extra chashu	0	0.0

in total: 23.8

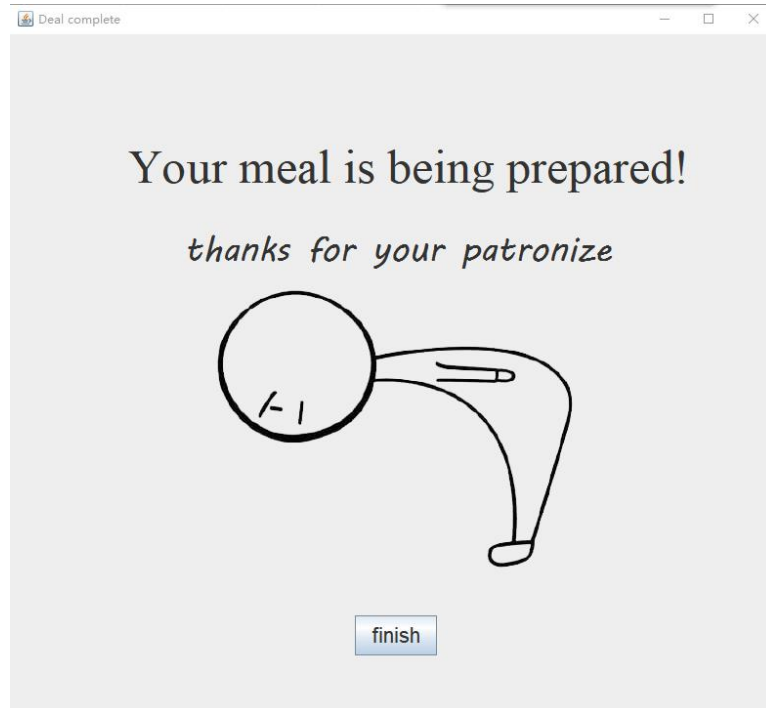
discount: 13.9

You need to pay 9.9\$

pay by bank card

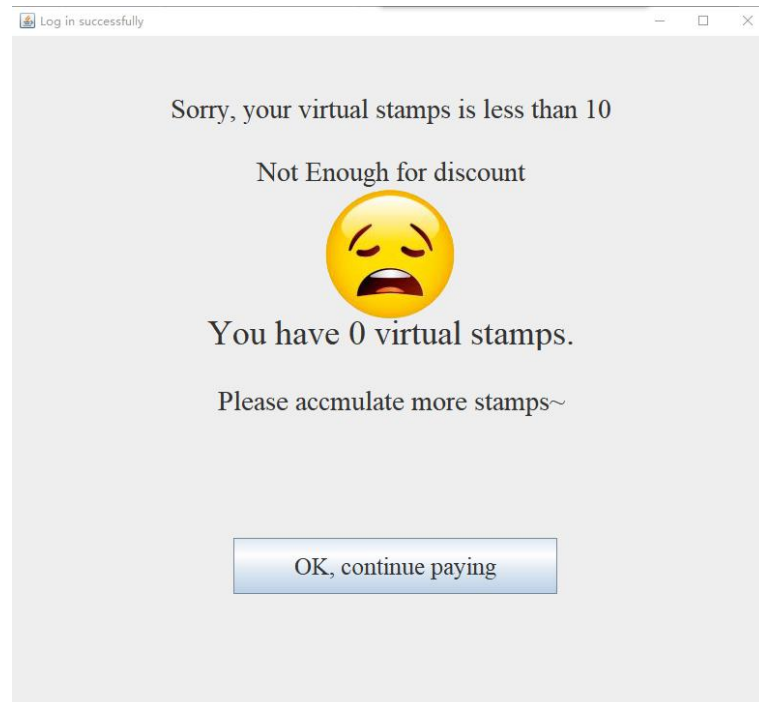
pay by cash

This interface shows your order again, and give you the price you need to pay. You can choose payment method, bank card or cash.



Then you have finished your order, and you can wait for your meal! The program shows its pleasure for your ordering.

However, if you are a VIP but you do not have 10 stamps, you will get this



You need to accumulate more stamps. You need to press the button to go on.

Your order is

Your order is as follows:

Items	Number	Price
Tonkotsu noodle	1	9.9
—extra Nori	1	1.0
—extra boiled egg	1	1.0
—extra bambooShoots	1	1.0
—extra chashu	1	1.0
Tonkotsu noodle	1	9.9
—extra Nori	0	0.0
—extra boiled egg	0	0.0
—extra bambooShoots	0	0.0
—extra chashu	0	0.0

in total: 23.8

discount: 0.0

You need to pay 23.8\$

pay by bank card

pay by cash

You can see your order once again, and of course, your discount is 0.0. Then you can choose the method to pay, by bankcard or cash. When you finish, you can also get the finish interface.

But if you are not a VIP member, you can only choose

No, I am not

. then you will get this interface.


Whether register or not?

Would you like to register as a VIP member?

Yes, register now!

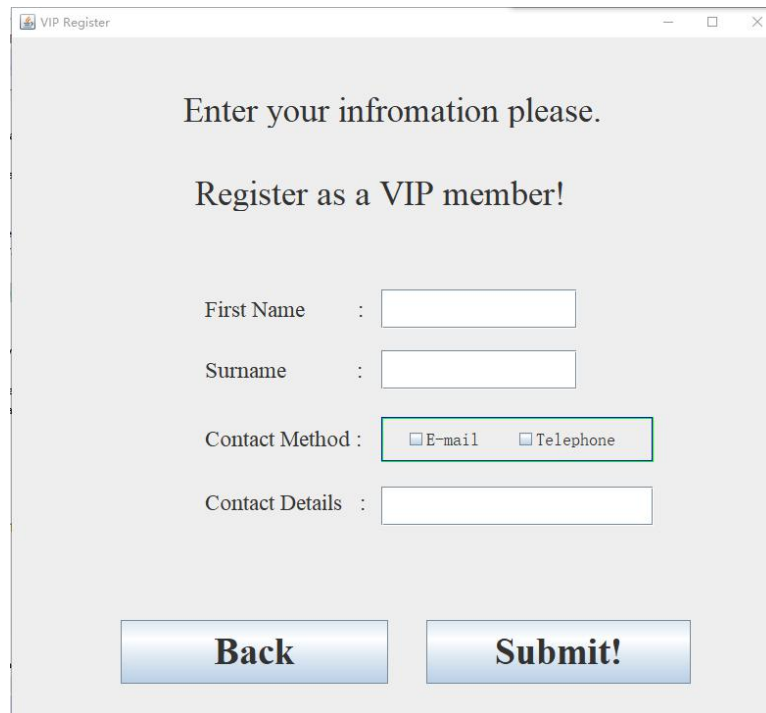
No, skip it

Back



The crown is telling you that we want you to be a VIP, and if so, press

Yes, register now!



VIP Register

Enter your information please.

Register as a VIP member!

First Name :

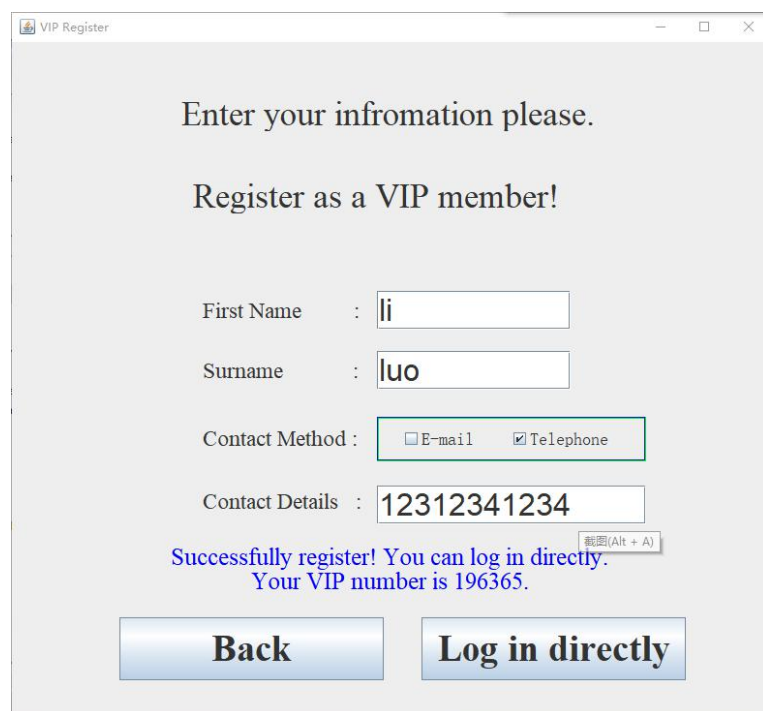
Surname :

Contact Method : ☐ E-mail ☐ Telephone

Contact Details :

Back **Submit!**

Then you need to fill in some information of yourself. Your name and your telephone number, or you can choose e-mail. Then press **Submit!**.



VIP Register

Enter your information please.

Register as a VIP member!

First Name :

Surname :

Contact Method : ☐ E-mail ☒ Telephone

Contact Details :

Successfully register! You can log in directly.
Your VIP number is 196365.

Back **Log in directly**

Like this, you have successfully register, and you get your VIP ID. Of course you have no virtual stamps right now, so you can go to payment interface by pressing **Log in directly**

After all the things, you will get a ticket.

Totoro Ramen restaurant

OrderID: 500052

Order time: 2020-05-21 :09:31:09

Dining option: Eat In

Total price: 23.8 pounds

Have a good meal!


You can find this ticket in \Totoro-Ramen\data\orderForCustomer folders, the name is your order number.

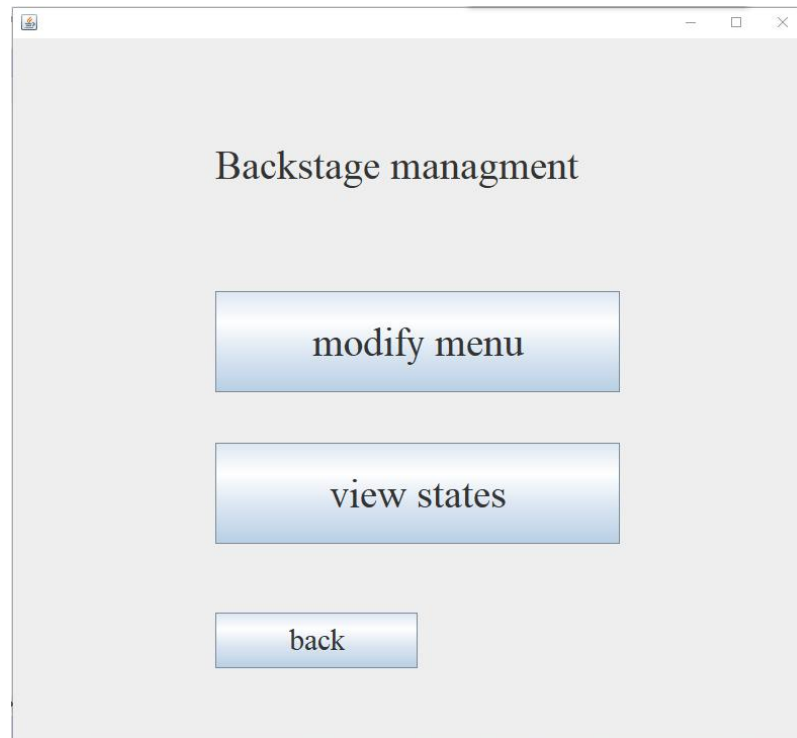
It shows your order ID, order time, dinning option and price.

That are all functions of customer section.

2.2 Administrator section

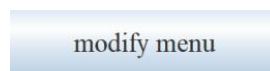


In the first interface, press , you can use the program as the boss of this restaurant.

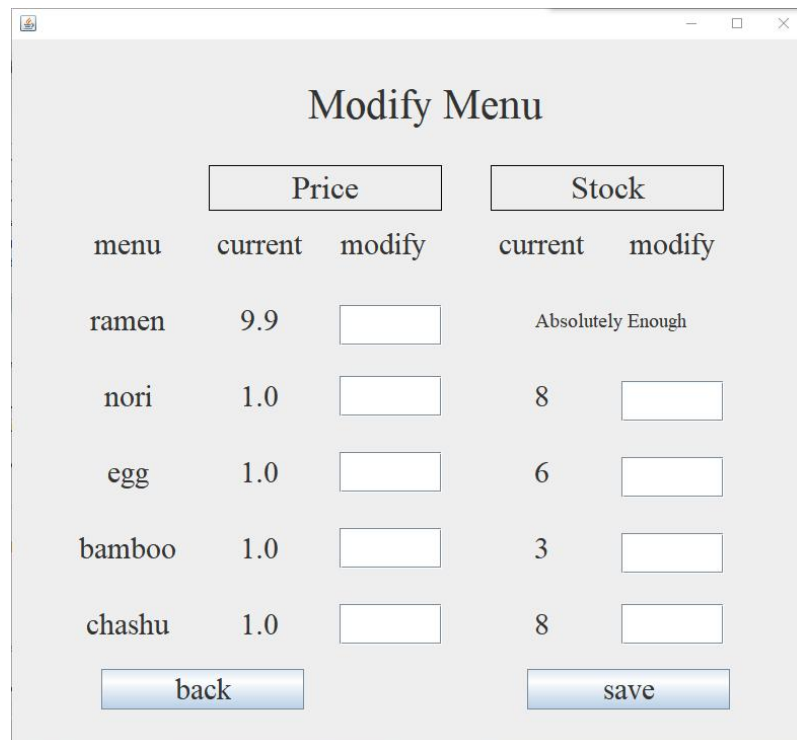


Then you enter the backstage management interface. You can choose one of these two

functions. If you press



The menu ingredient is stored in `\Totoro-Ramen\data\material.csv`



It shows the price of all the items and the stock right now. In the text boxes, you can

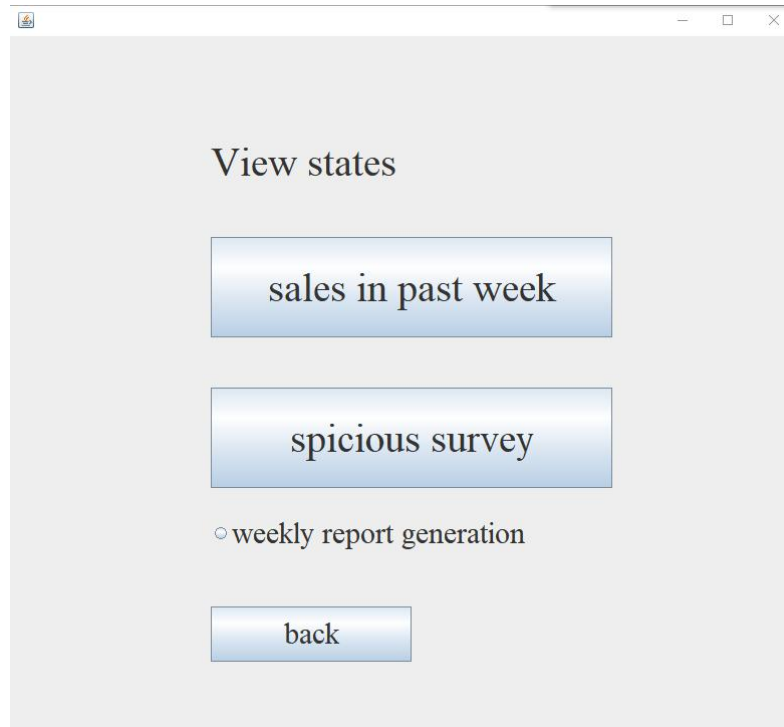
modify the price and numbers. After modifying, press



Then it will go back to the backstage management.

If you press

view states

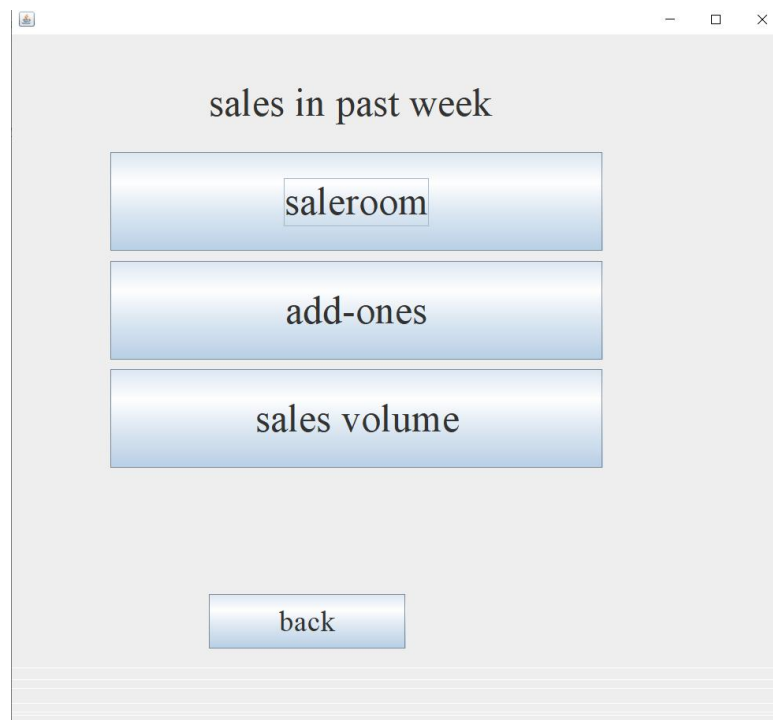


You can see the past week sales, form Monday to Sunday. And you can see the spiciness

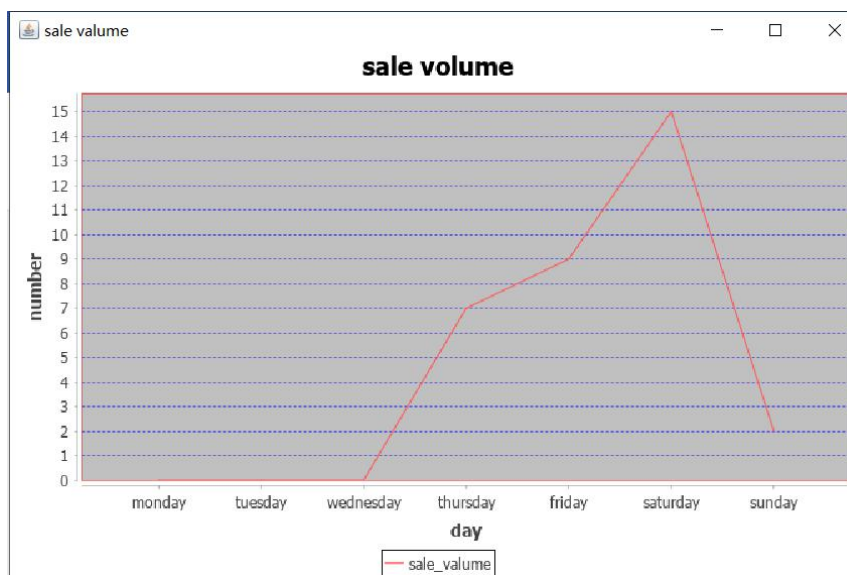
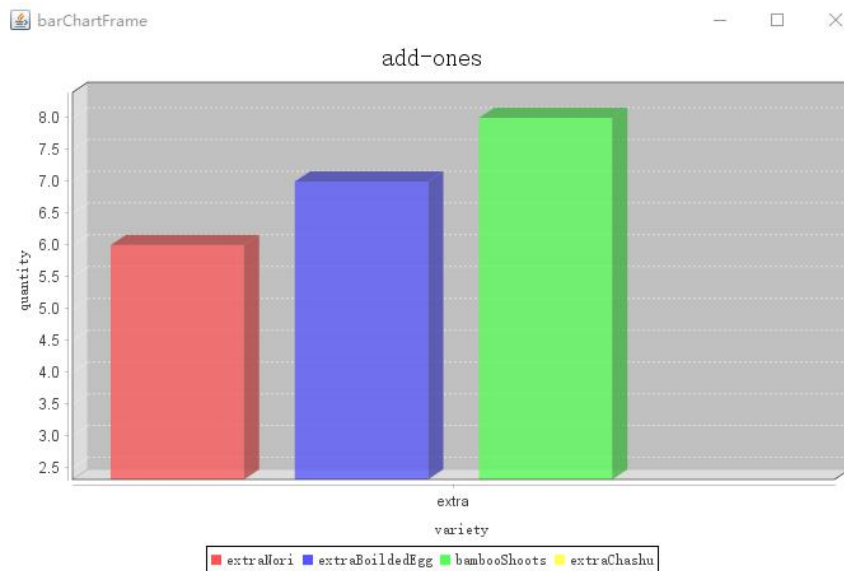
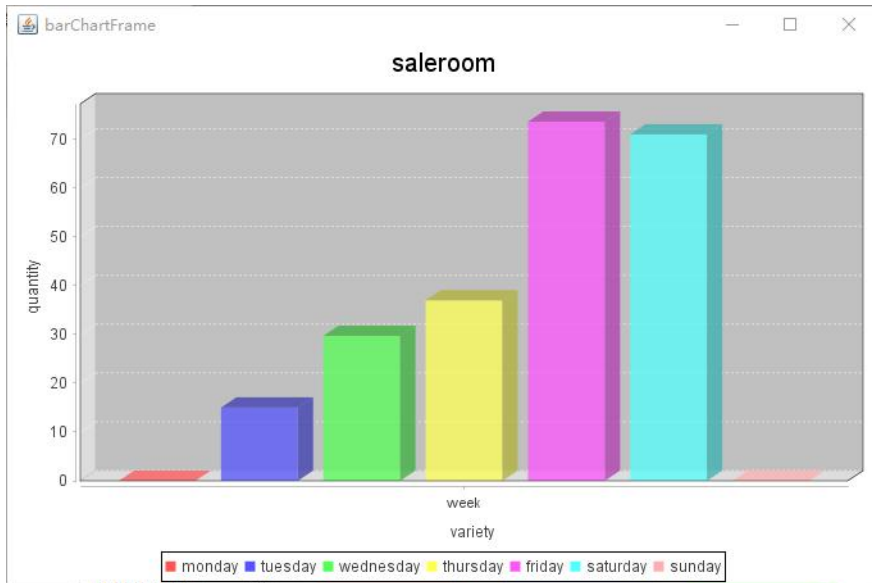
survey. If you press

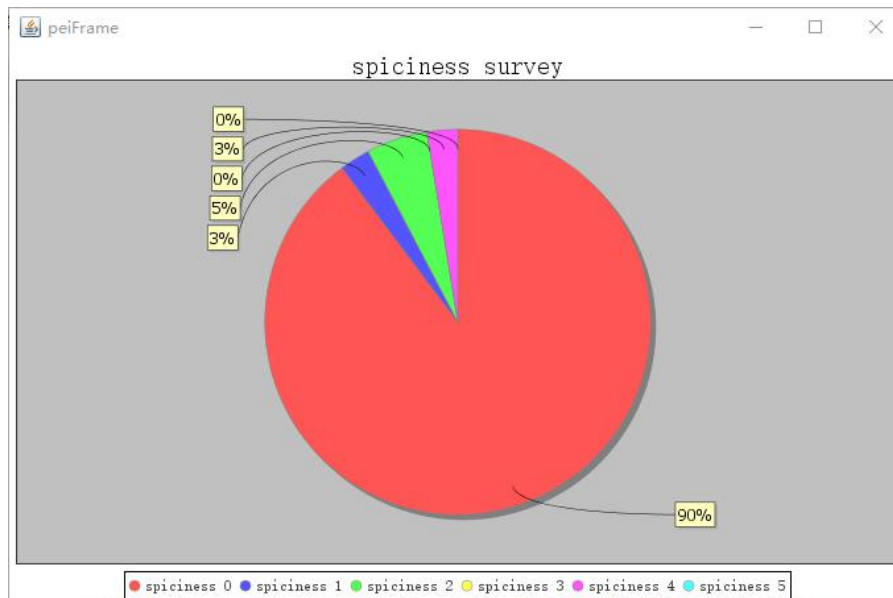
sales in past week

:




Then you can choose one of three sale views.





● weekly report generation

If you press the round button  , when you open the statistic chart, you will get message shows you the sales and survey weekly. These pictures are generated and stored in \Totoro-Ramen\data\weeklyReport

