SEMAMS

Smart Energy Management and

Monitoring System
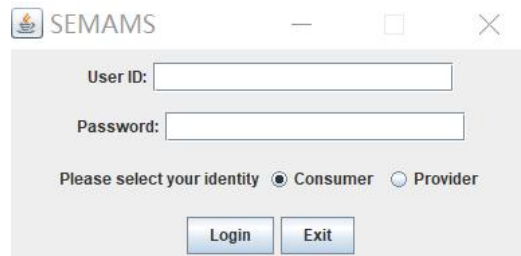
Group 74

Thanks for using this SEMAMS system!

Please follow the steps below carefully.

A) Select your identity

After you have run the code, you will see the login menu, you need to choose your identity (consumer or provider), and input your user ID and password in this system.
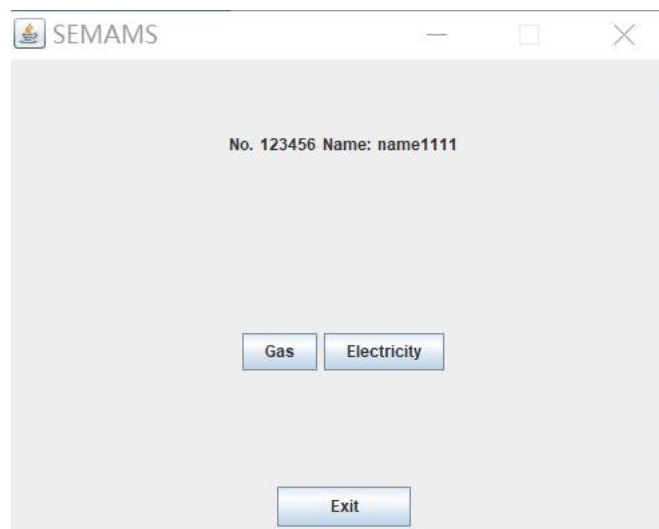

1.1 Login

B) If you Login as "consumer"

You will see the notice window like that.

2.1 Notice Window

**1)Then you choose to check information about Gas or Electricity.**

2.2 Choosing "Gas" or "Electricity"

If you choose "Gas", you can see the menu which has four function buttons, you can choose any one of them. **If you choose "Electricity", you will see the same interface.**
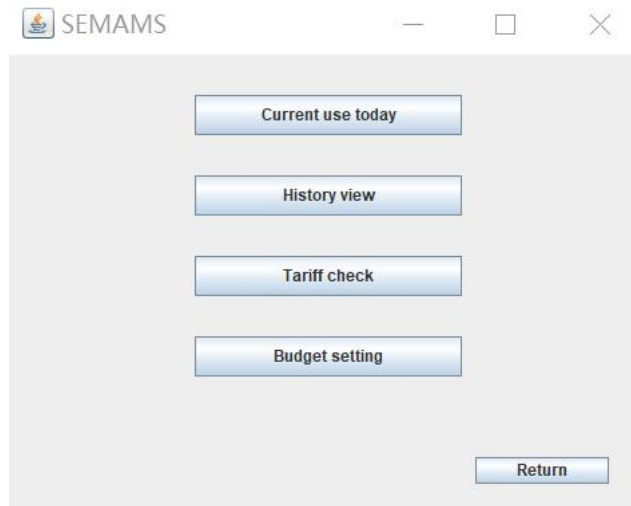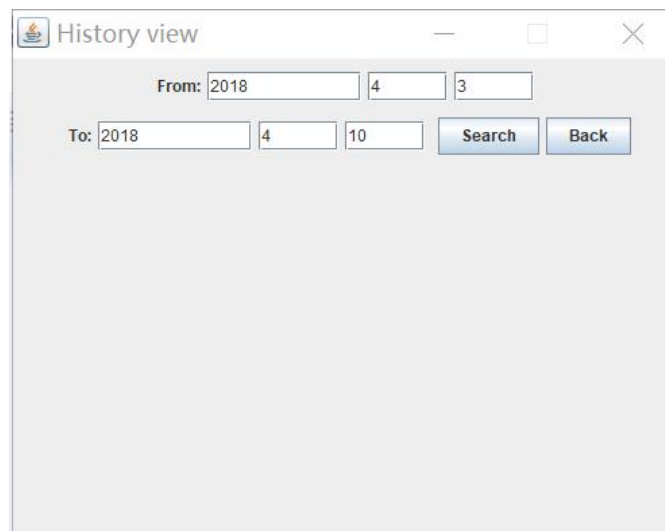
2.3 Function Menu of Consumer

2) If you choose "Current use today", you will see the gas you have used until you check, and it is running all the time. If the amount of gas over the budget you have set, the blank of green will turn to red in order to remind you of over-used.
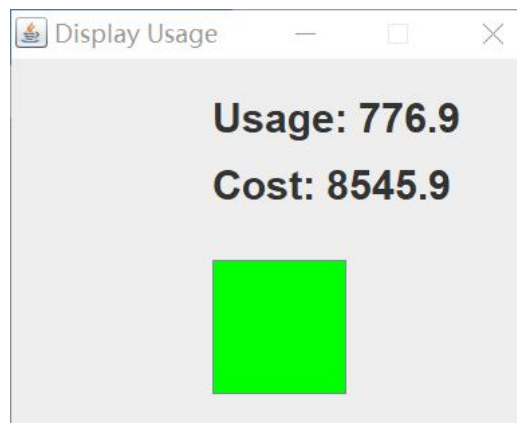
2.4 Current Use Today

3) If you choose "History view", you can check the amount of using gas for any days. For example, if I want to check the usage from 2018.4.3 to 2018.4.10, you can input as follow.
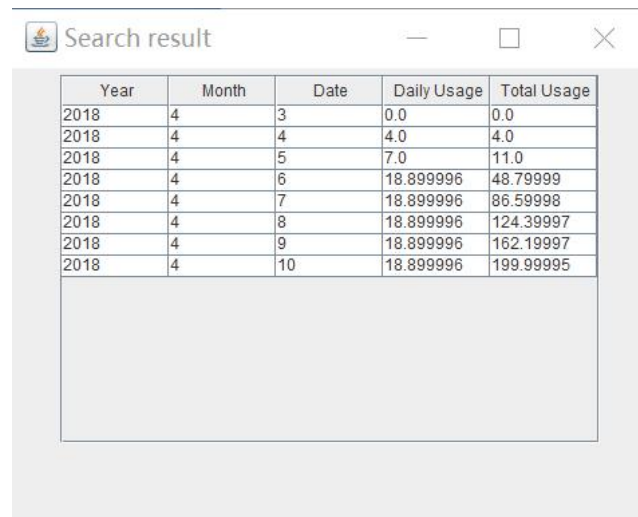
2.5 History View

Then you can see the information of one day, and the total usage of all day you check. Of course, you can input only one day.

Year	Month	Date	Daily Usage	Total Usage
2018	4	3	0.0	0.0
2018	4	4	4.0	4.0
2018	4	5	7.0	11.0
2018	4	6	18.899996	48.79999
2018	4	7	18.899996	86.59998
2018	4	8	18.899996	124.39997
2018	4	9	18.899996	162.19997
2018	4	10	18.899996	199.99995

2.6 History List

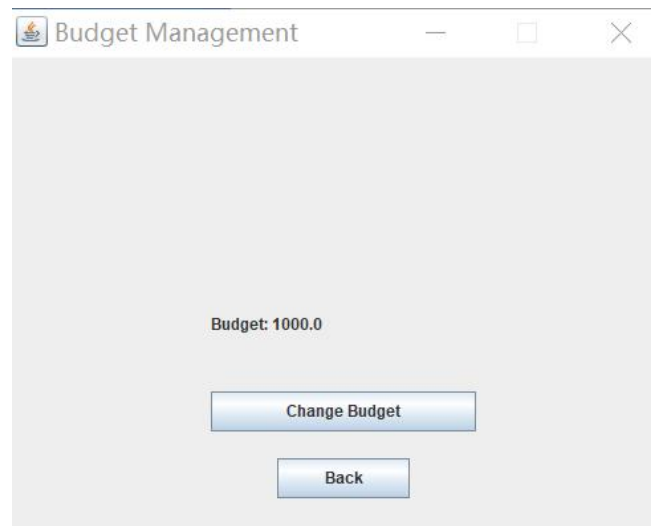**4) If you choose "Gas tariff",** you will see the current gas tariff.
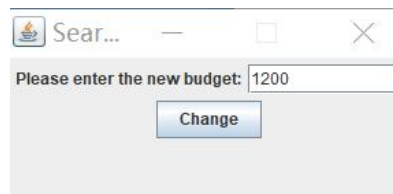

Gas traiff: 13 pounds

Back

2.7 View Tariff

5) If you choose "Budget setting", you can see the current gas budget.

2.8 View Budget

If you want to change the budget, you can click "change budget", and then input the budget you want to set , for example, 1200, then click "Change".
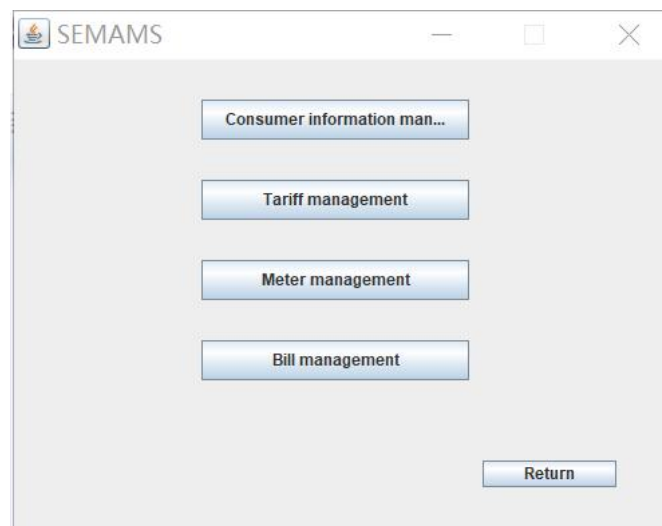

2.9 Change Budget

C) If you Login as "provider"

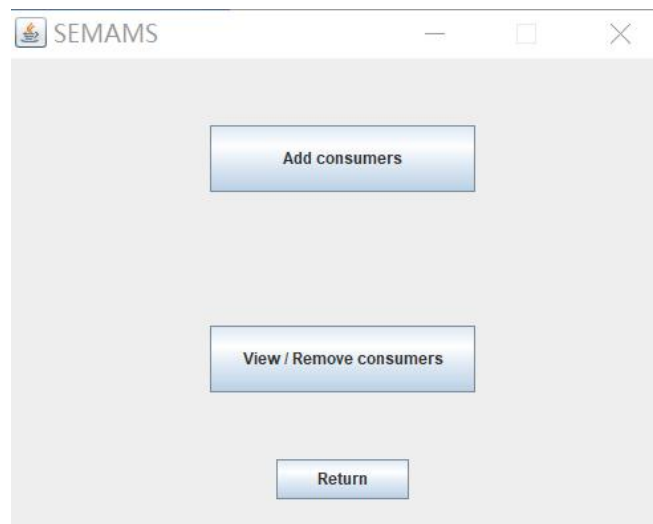You will see the notice window like that.

3.1 Notice Window

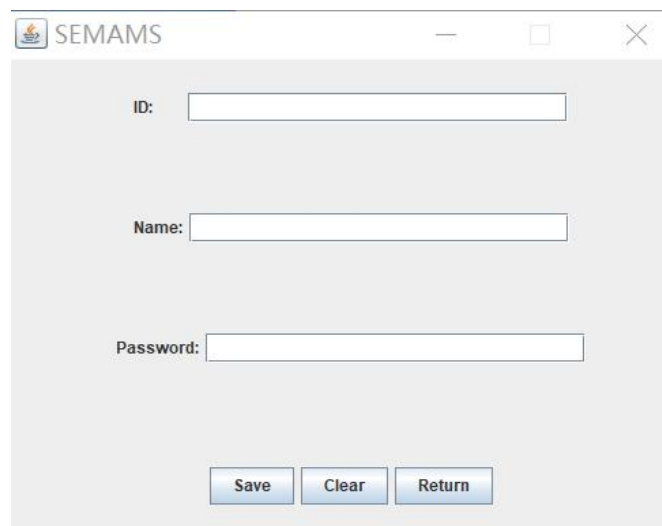You can see the menu which has four function buttons, you can choose any one of them.

3.2 Function Menu of Provider

1) If you choose "Consumer information management", you can add consumers or view/remove consumers.

3.3 Consumer Information Management

If you choose "Add consumer", you should input ID, Name and Password, and then click "Save", If want to change the information of the new consumer ,you should click "Clear" and input again.

3.4 Add Consumer
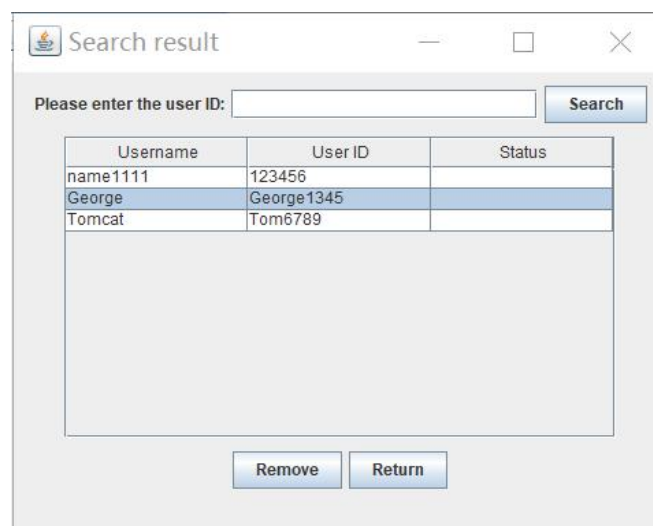
If you choose "View/remove consumers", you can input the user ID which you want to see, and then click "Search". If you want remove the information of one consumer, you should click the line of which has his information, and then click "Remove".
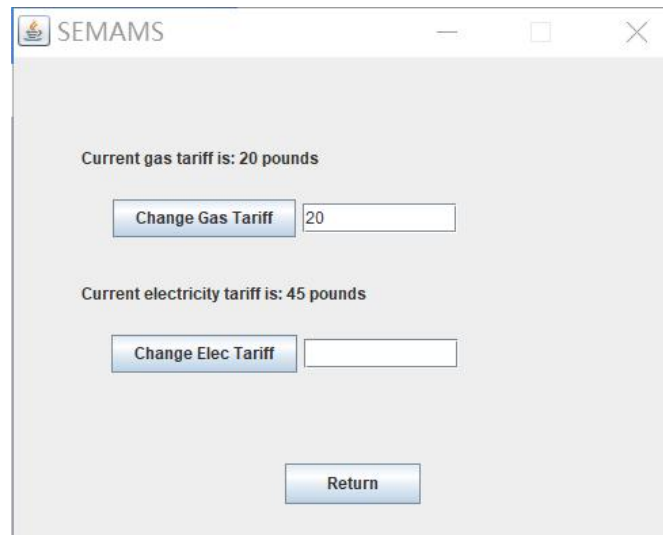

3.5 View/Remove Consumer

2) If you choose "Tariff management", you can see the current tariff of gas and electricity. If you want to change the tariff, you should input the number that you want to set to the blank, and then click "Change Gas(Elec) Tariff".
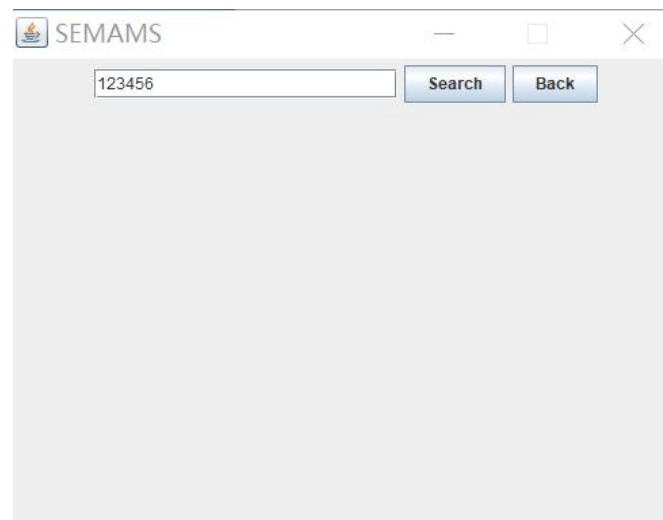
3.6 Tariff Management

3) If you choose "Meter management", you should input the ID of the consumer which you want to check. For example,123456.Then click "Search".
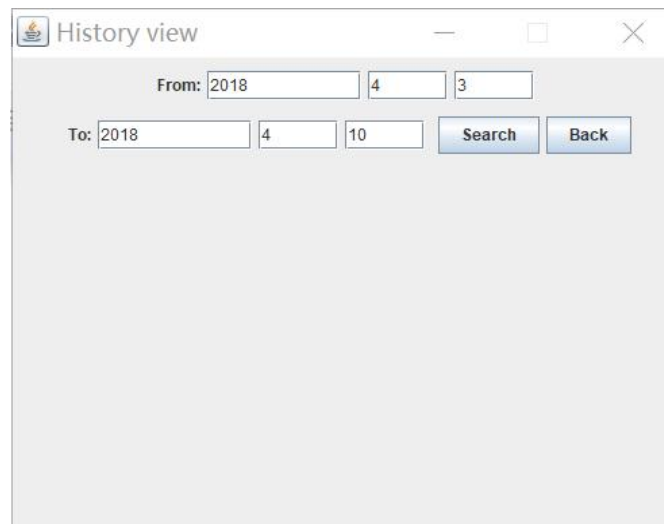

3.7 Meter Management

You need to input the date you want to check. Then, click "Search". For example, if I want to check the usage from 2018.4.3 to 2018.4.10, you can input as follow.
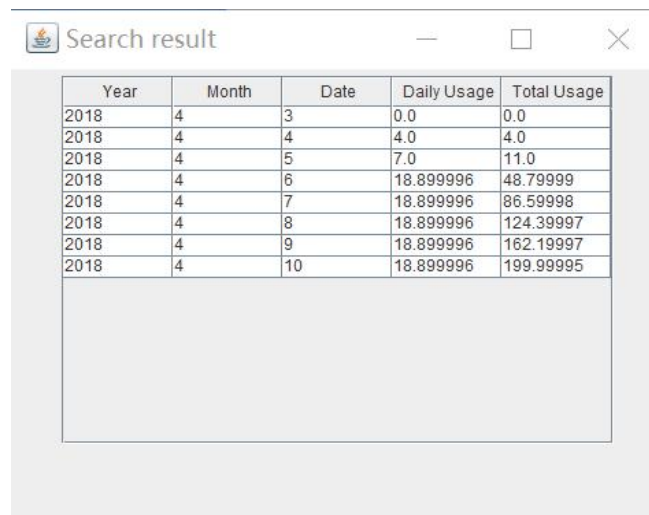
3.8 Check History Menu

You can see the total use and daily usage of gas and electricity.
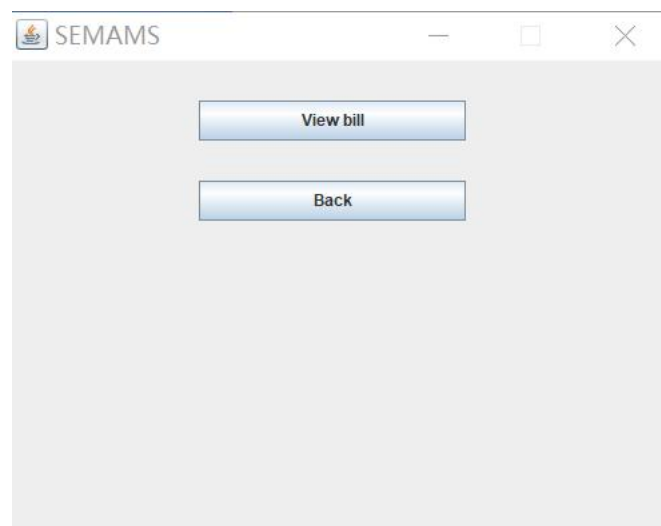
Year	Month	Date	Daily Usage	Total Usage
2018	4	3	0.0	0.0
2018	4	4	4.0	4.0
2018	4	5	7.0	11.0
2018	4	6	18.899996	48.79999
2018	4	7	18.899996	86.59998
2018	4	8	18.899996	124.39997
2018	4	9	18.899996	162.19997
2018	4	10	18.899996	199.99995

3.9 History List

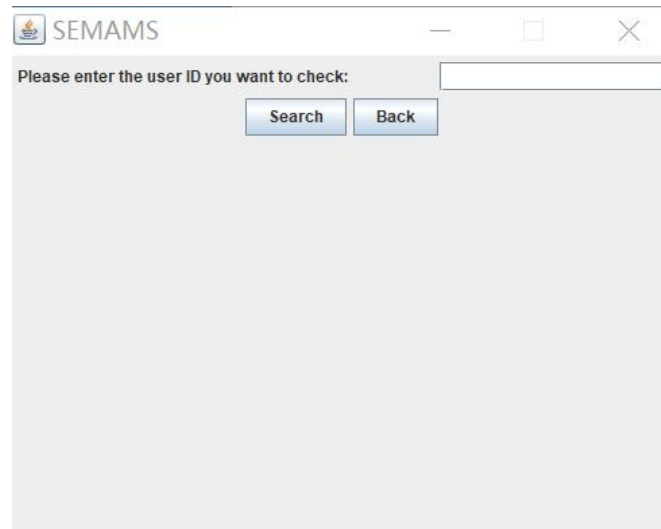**4) If you choose "Bill management",** you will see the next page, then click "View bill".
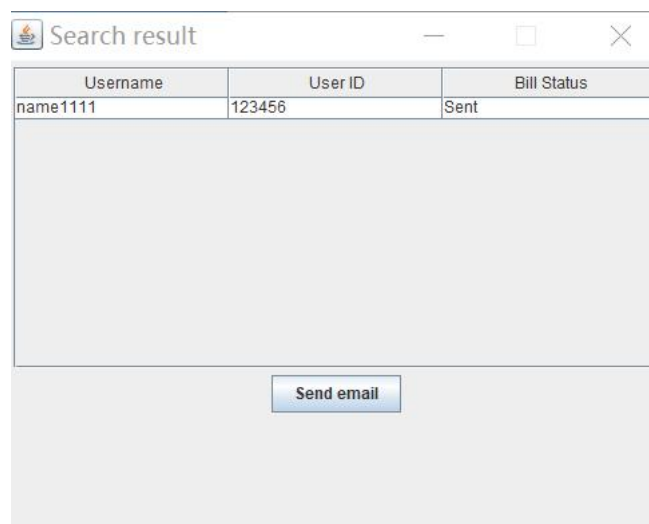
3.10 Bill Management

You have to enter the user ID you want to check, and then click "Search".

3.11 Input ID of Bill Management

You can see whether the bill of the consumer you check was sent. If the "Bill Status" is Unsent, you can click "Send email".
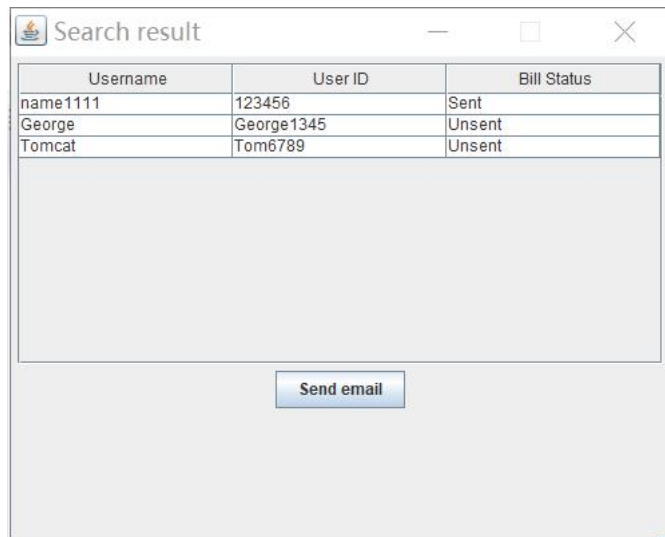

3.12 Bill status of Consumer with specific ID

IF you don't input anything in picture 3.11, picture 3.12 will change to 3.13. You will see the Bill Status of all consumers.

3.13 Bill status of Consumer without input ID

NOTE： All "Back" and "Return" buttons are used to return to the last page.

If you have any questions, please contact us!