Hello，I am Liu Zhuo.

I am from dalian university of technology. I joined many programming contests during my undergraduate period. I did some projects with my teacher during my postgraduate period.

In this summer，I was an intern at Google.

I improve the search and grouping function, to support multi-dimensional query to help users quickly find the devices and jobs and group the device list and job list.

# Overview:

## Commodity management

Commodity search

Commodity information import

Commodity association prediction

Commodity price prediction

Sales volume prediction

Expired commodity reminder

Commodity sales trends

Purchase of commodity

## Supplier management

Supplier query

## Supermarket management

Revenue and expenditure status

Supermarket query

## Employee management

Personnel query

Employee attendance status

## Personal Information Management ( for all users)

Performance status query

Salary status query

## other function management

Member register (for cashier)

Orders query

Order generation (for cashier)

Discount promotion

Discount commodity query