

Software Engineering Group 88 Project:

Nutllet



Medium fidelity prototype

The team consists of six members:
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Jingyi Liang,
with Xinghan Li serving as the team
leader.

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Login

Enter your access details below



Enter your email



Enter your password

Log in

Sign up

[Forgot your password?](#)

Homepage(Pesonal Edition)

The button to switch between enterprise edition and personal edition

NUTLLET

Current Balance: ¥ 8888.88

Syn...Enterprise EditionLogout

Our app's name

Monthly Consumption

Recent Consumption

Loan Repayment Reminder

Month Budget

Month Budget

Pension Planning

Modify Your Reminder

Showing the first 8 list items. Search and/or Filter to see more.

Voice InputManual Input

Based on my consumption, give me some advice.

Here are some suggestions based on your consumption. You can adjust and apply them according to your actual situation:

General Advice

• Create a budget: List your income and various expenses, and allocate funds to different categories such as food, housing, transportation, and entertainment. This can help you understand your financial situation and avoid over - spending.

• Distinguish between needs and wants: Before making a purchase, think about whether the item is a necessity or a luxury. Prioritize meeting your basic needs and be cautious about impulse purchases of non - essential items.

• Conduct research and comparison: Before buying a product or service, research and compare different brands, models, and merchants. Read reviews and check prices to ensure you get the best value for your money.

AI Consumption Analysis

The button to the website of DeepSeek

More details

Voice InputManual Input

NUTLLET

Current Balance: ¥ 8888.88

Synching...Enterprise EditionLogout

Monthly Consumption

Recent Consumption

Loan Repayment Reminder

Month Budget

Month Budget

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Modify Your Reminder

Showing the first 8 list items. Search and/or Filter to see more.

Voice InputManual Input

Financial advice

According to the analysis of your consumption habits, catering expenses account for 28%. It is recommended to optimize the catering consumption structure. Currently, 35% of the budget remains, and you may consider transferring part of the funds to a financial management account to earn returns.

The main 3 buttons, HOME(homepage), DISCOVER and SET

Voice InputManual Input

Enterprise Edition and Discover

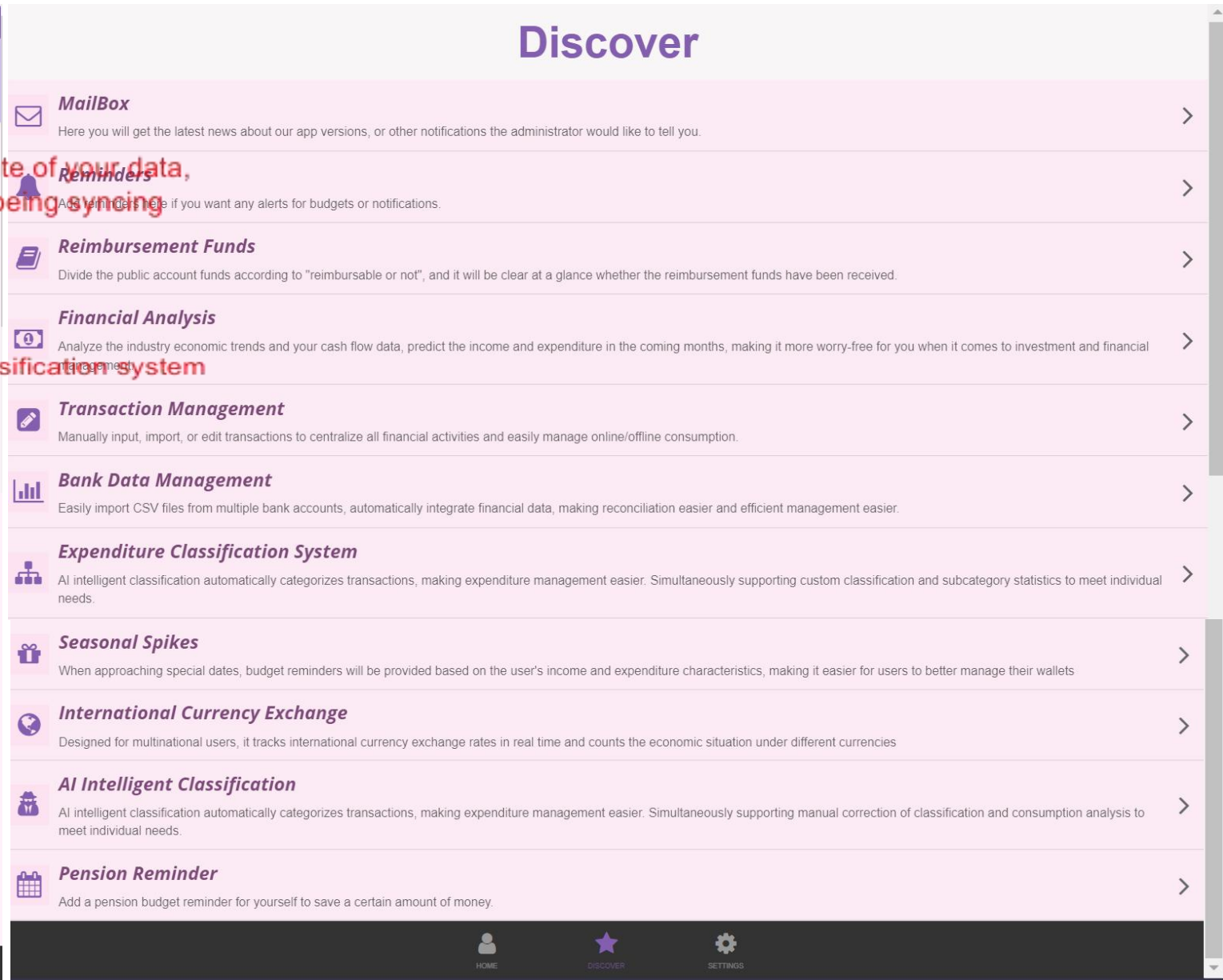
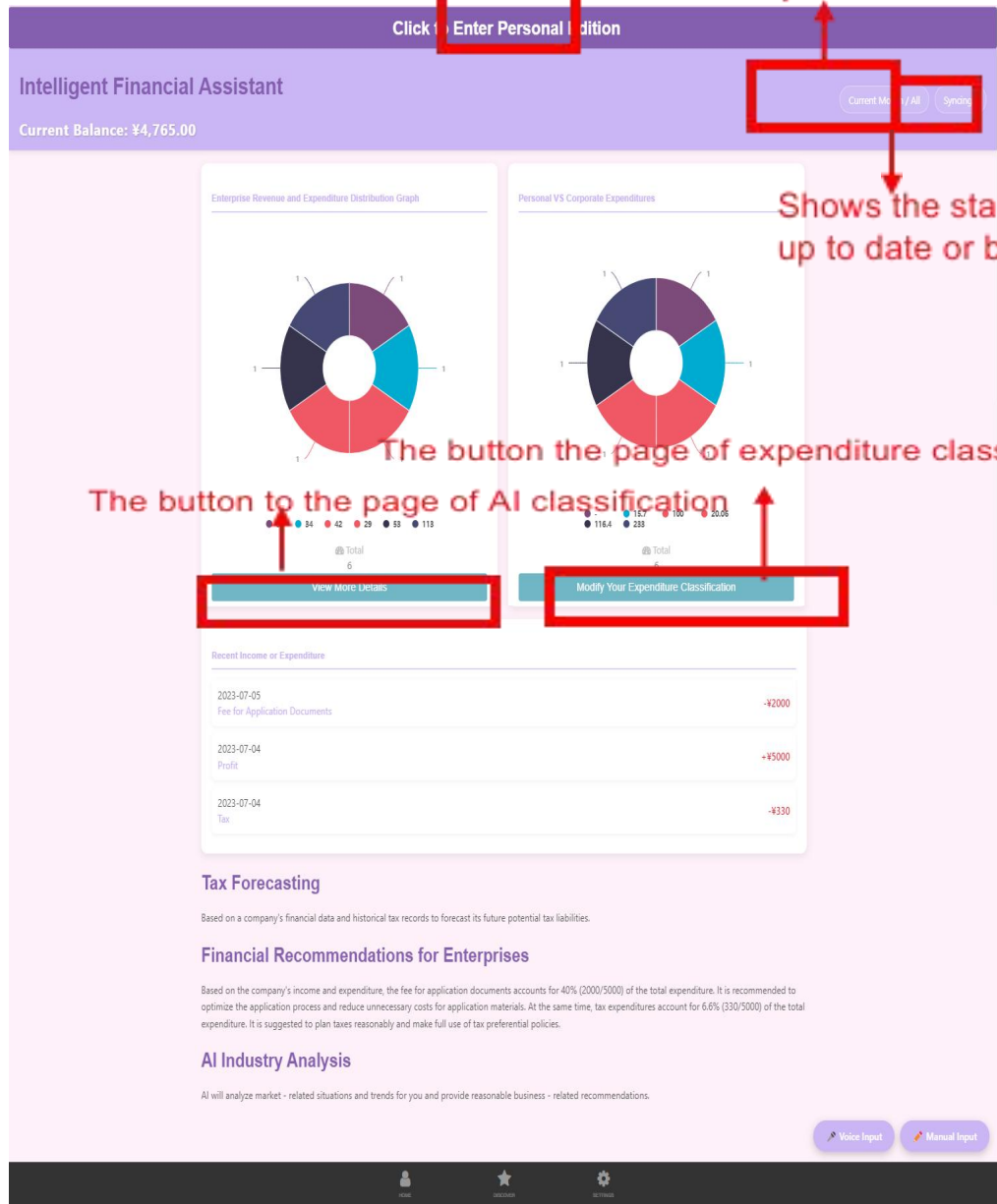
The button to switch between enterprise edition and personal edition

The button to decide the way to view your data, all or just the current month

Shows the state of your data, up to date or being syncing

The button the page of expenditure classification system

The button to the page of AI classification



Reminder management function

My Reminders

Loan Repayment Reminder

Monthly progress 30%

Pension Planning

This month's quota has been used

Add New Reminder

Delete

HOME

DISCOVER

SETTINGS

Add New Reminder

Your new reminder's name

Savings or expense monitoring?

-- Select one

Monthly Quota

Choose you new reminder is about savings or expense

Clear

Submit

HOME

DISCOVER

SETTINGS

Free definition

Create an exclusive classification system for you

Click here to change to another group of classification

Click here to add strokes of money and system will accumulate them

Click add button to add a new hierarchy
Click minus button to delete it.

Personalized classification system

Multimodal group expenditure

hardware costs +

Computing card ¥0.00 +

Mechanical hard drive ¥0.00 +

Classification system management

Hardware costs

Consulting card

Mechanical hard drive

Save modifications

total expenditure statistics

Total expenditure: ¥0.00

Current system: multimodal group expenditure, Involving hardware and other expenses

These names can be edit

Click here to accumulate the total expenditures of this group.

Expenditure Classification System and AI assisted classification results

Intelligent trading classification

AI intelligent classification+manual proofreading and verification

Total consumption ¥1589.00

classification accuracy 92.7%

To be verified 6 strokes

Proportion of consumption categories

Here are the classification outcomes. You can adjust them if there exists something wrong.

If any changes are made, pie chart here will upgrade automatically.

To confirm the outcomes and export financial report

Some current categories

This month's consumption analysis

AI analysis of consumption

his month's total expenditure was ¥8420.50, with technology service expenses accounting for 58%, ranking first, mainly from cloud computing service fees. The single amount of catering consumption is relatively low but the frequency is high. It is recommended to pay attention to small and repetitive expenses. Transportation expenses are well controlled, accounting for only 5% of total consumption.

Here is the analysis given by AI, based on historical financial record.

Transaction Management

Manage your transaction records, support categorized viewing and visual display

Transaction Entry

Online transactions

2025-03-01 - Eat Lamian Noodles ¥20

2025-03-04 - Watch movie ¥56.6

2025-03-05 - Online purchase of mosquito nets ¥79.5

Offline trading

2025-03-01 - Buy strawberries ¥39.9

2025-03-04 - Play ring game ¥5

transaction will be divided into "online" and "offline" parts

Click the right side of each row to delete it

If any changes are made, pie chart here will upgrade automatically.

Enter the details of transaction here

Add new transaction

年/月/日

Transaction Name

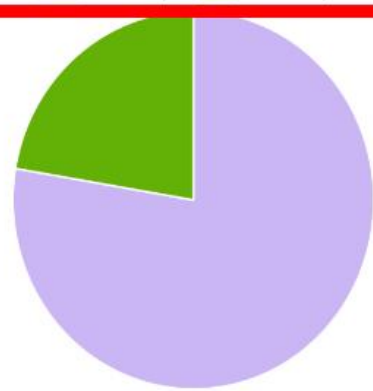
amount of money

Online trading

Add transaction

Proportion of transaction categories

Online consumption Offline consumption



Click here to submit an entry

Transaction Management and Bank Data Management

One click integration

Integrate transaction records from different accounts, support account modification and visual display

My Account

China Merchants Bank

Card number: **** * 1234

agricultural bank

Card number: **** * 5678

China Bank

Card number: **** * 9012

+ Add Account

Click here to add a new bank account
System can only process the imported bank category

Import bank data

Select CSV file

Click here to import CSV files of transaction records

Support exporting transaction records of China Merchants Bank/Construction Bank/Bank of China

Visualization of ICBC transaction flow

Date	Transaction Description	Amount	Balance	Transaction Type
2022-10-01	wage income	+12,000.00	12,000.00	Salary Income
2022-10-02	Supermarket shopping	-220.00	11,580.00	Expenditure
2022-10-03	Payment of water and electricity fee	-280.00	11,300.00	Expenditure
2022-10-05	Self-use consumption	-800.00	10,500.00	Expenditure
2022-10-07	Transfer money to Zhang San	-5,000.00	5,500.00	Transfer funds
2022-10-20	Investment and Wealth Management	5,000.00	10,500.00	Investment
2022-10-25	Mobile recharge	-100.00	10,400.00	Expenditure
2022-10-30	Credit card repayment	-2,000.00	8,400.00	Repayment

System can organize the CSV files of transactions like this

<

Intelligent trading classification

AI intelligent classification+manual proofreading and verification

Total
consumption

¥1589.00

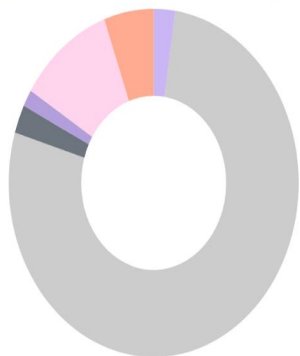
classification
accuracy

92.7%

To be verified

6strokes

Proportion of consumption categories



Catering Consumption Technical Service
Transportation Entertainment Consumption
Lifestyle Shopping Digital Services

Batch confirmation Export Report

03-15	Starbucks Coffee	¥38.00	Catering Consumption
03-14	AWS Cloud Computing	¥1228.00	Technical Service
03-13	Didi Chuxing	¥42.00	Transportation
03-12	Tencent Video Membership	¥25.00	Entertainment Consumption
03-11	Hema Fresh	¥168.00	Lifestyle Shopping
03-10	Impression Notes Advanced Edition	¥88.00	Digital Services

Catering Consumption

Transportation

echnical Services

Entertainment Consumption

Customize...

This month's consumption analysis

AI analysis of consumption

This month's total expenditure was ¥ 8420.50, with technology service expenses accounting for 58%, ranking first, mainly from cloud computing service fees. The single amount of catering consumption is relatively low but the frequency is high. It is recommended to pay attention to small and repetitive expenses. Transportation expenses are well controlled, accounting for only 5% of total consumption.



HOME



DISCOVER



SETTINGS

How to add new International Transactions?

Add New International Transactions



* Required fields

Local currency *

RMB(China Yuan)

Foreign currency *

Amount in foreign currency *

Trading time *

2025/03/20

Click here to input the kind of local currency, which is used to record your consuming habits. The default unit is RMB(China Yuan).

Click here to input the kind of foreign currency, which is you actually used in the trade.

Click here to input the amount in foreign currency you had in the trade

Click here to select the trading time so that we can synchorize the exchange rate at that day. The default date is the day now.

Click here to confirm and submit your record that have juest filled.

Clear all

Confirm

Click here to clear all informations that you have fill.



HOME




DISCOVER




SETTINGS

Settings and Mailbox

<




SETTINGS

Enterprise Edition


Click to start with Enterprise Edition.

>

Add New Reminder


Click to add new reminder

>

App Feedback


In case you wish to give us some suggestions.

>

AI preference


Set your preferred AI.

>

Change Password


Change your password.

>

Sign Up with New Account

Change your account or to have a new account.

>

Logout

Click to logout

>

MailBox



No notifications yet

Check again later for updates



HOME

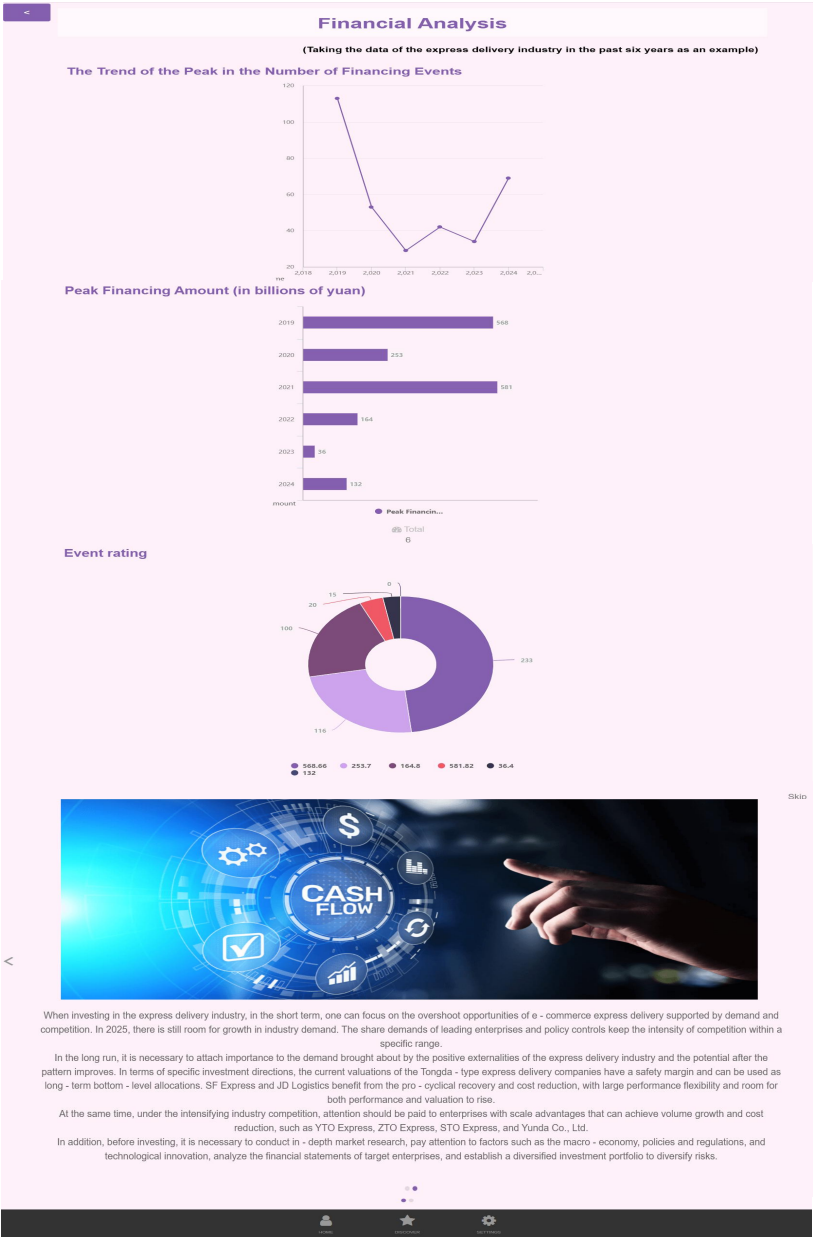
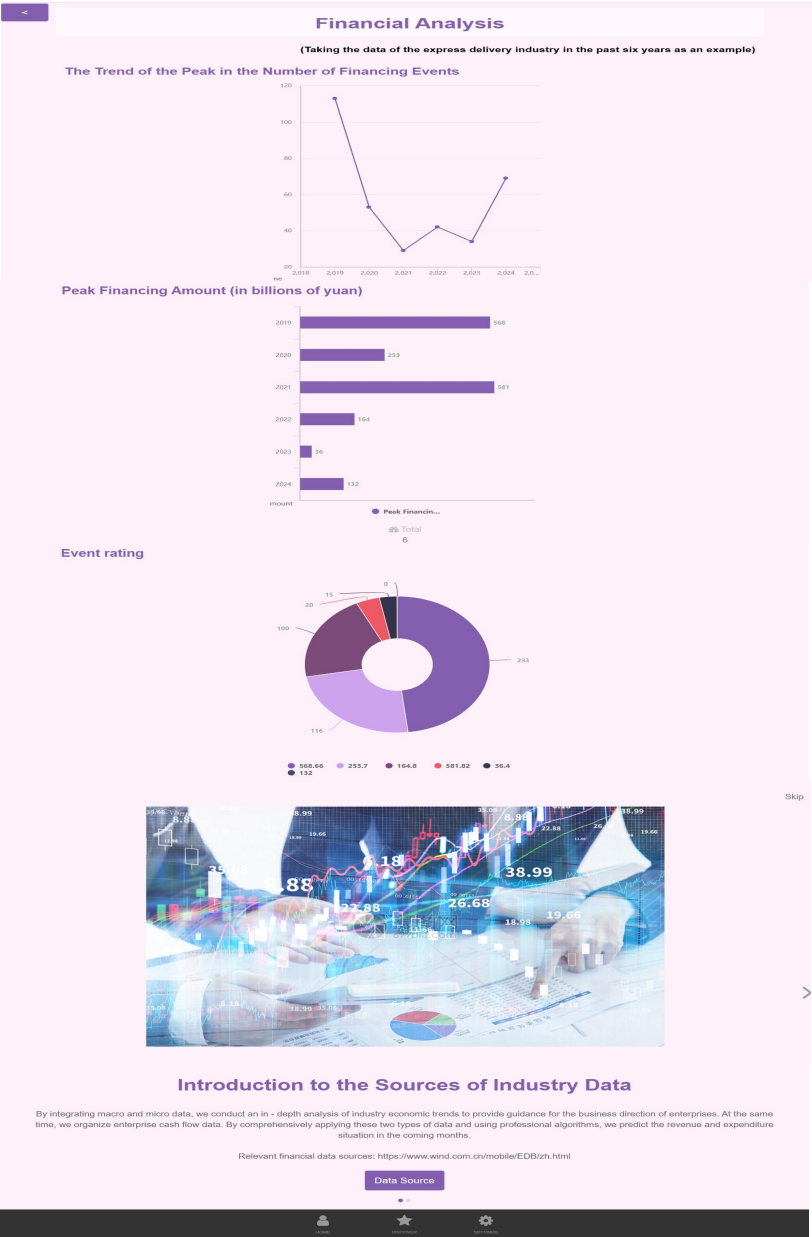


DISCOVER



SETTINGS

Financial Analysis Function



Reimbursement manage Function

<

Add New Reimbursement Item

* Required fields

Reimbursement Title *

Name the reimbursement incident..

Transportation

Is it reimbursable? *

Select whether it can be reimbursed according to whether you need a reminder for the arrival of the reimbursement amount. The software will automatically monitor the arrival situation around the arrival date.

☐

Yes, needs a reminder.

☐

No, just record.

Estimated date of reimbursement arrival

Fill in the company's estimated regular reimbursement date (e.g., the end of the current month).

-- Select range

2025/03/30

×

→

2025/03/31

×

Reimbursement Amount *

Fill in the amount corresponding to the reimbursement reminder payment.

0

Notes

HOME

DISCOVER

SETTINGS

Reimbursements Items

Q Search...

Transportation-Subway

¥6

Mar 5, 2025

Catering

¥120

Mar 5, 2025

Transportation-Subway

¥4

Mar 9, 2025

Transportation-Taxi

¥37

Mar 15, 2025

Transportation-Taxi

¥48

Mar 16, 2025

Transportation-Taxi

¥15

Mar 18, 2025

HOME

DISCOVER

SETTINGS

Category manage Function

<

Add New Category

* Required fields

Category Name *

Fill in Category name

Catering

Amount *

Enter the value.

0

Clear all

Confirm



<

Custom Category Results

Q Search...

🔖

☰

⌵

Entertainment

¥ 1727.29

🔖

Catering

¥ 1233.98

🔖

Shopping

¥ 244.2

🔖

Living

¥ 1192.8

🔖

Transportation

¥ 200.12

🔖

Wearing

¥ 1409.78

🔖

Sports

¥ 2003.24

🔖

+

Localized Budgeting

Festival Selection *

Select the festival here. Now, we already have Spring Festival, Dragonboat Festival, Mid-Autumn Festival and so on in the drop-down box.

Choose the time you will receive the budget.

Because many festivals do not have a exactly date , you need to click here to select a date.

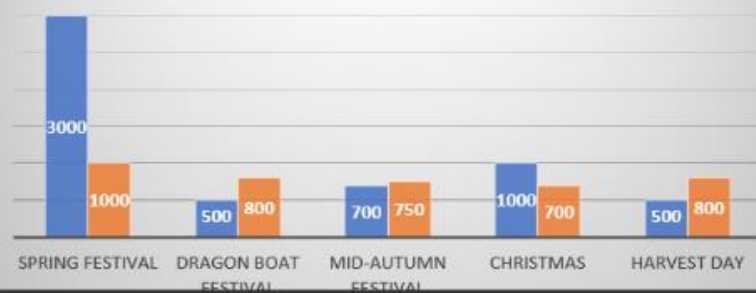
Enter the amount value.

Click to fill in your holiday budget. The number indicates the change in your plan's balance, i.e. a positive number means that your income is greater than your expenses, and a negative number indicates the opposite.

From here, you can manually add notes on how you're using in your budget.

0 words

Confirm



These two charts show the specific budget amounts and ratios of income and ratio for different festivals, respectively. Blue indicates income, and orange indicates expenses.

App Feedback Function and Sign up page

App Feedback

Please help us improve the app by giving honest feedback and suggestions for improvement.

* Required fields

Email

First Name

Last Name

How would you rate the app? *



How likely are you to recommend the app to a friend?

From 1 not likely at all to 10 highly likely to recommend the app.



What do you like about the app?

Please tell us what features or functionality you like the most.

What would you improve?

Please tell us what you would improve in the app or any suggestions for new features.

Clear

Submit

Sign up

First name *

Last name *

Email *

name@email.com

Password *

Confirm password *

Submit

Already have an account?

Login



HOME



DISCOVER



SETTINGS

Logout



Click the icon below to log out



HOME



DISCOVER



SETTINGS

Workflow Diagram

