



SiM•Cage Management System

User Manual

Macau Ming Rui Industrial Co., Ltd

2024年12月27日

目录

| | |
|--|----|
| User Manual | 1 |
| Macau Ming Rui Industrial Co., Ltd | 1 |
| 1 System Overview | 1 |
| 2 Quick Start | 1 |
| 2.1 Logging In | 1 |
| 2.2 Main Interface | 3 |
| 3 Functional Modules | 4 |
| 3.1 Dashboard | 4 |
| 3.2 Member Management | 5 |
| 3.3 Cashier Management | 6 |
| 3.3.3 Credit Transaction | 8 |
| 3.3.5 Tip Exchange | 9 |
| 3.4 Table Management | 11 |
| 3.5 Financial Management | 13 |
| 3.5.1 Financial Deposit | 13 |
| 3.5.2 Financial Expenditure | 14 |
| 3.6 Chip Management | 15 |
| 3.6.1 Chip Issuance | 15 |
| 3.6.2 Chip Detection | 16 |
| 3.6.3 Chip Destruction | 17 |
| 3.7 Report Management | 18 |
| 3.7.1 Report Details | 18 |
| 3.7.2 Accounting Ledger | 28 |
| 3.8 System Settings | 29 |
| 3.8.1 Account & Permissions | 29 |
| 3.8.2 System Configuration | 34 |
| 3.8.3 Currency Configuration | 34 |
| 3.8.4 Chip Configuration | 36 |
| 3.8.5 Table Configuration | 38 |

1 System Overview

Welcome to the SiM•Cage Management System, a comprehensive management tool tailored for entertainment venues. This system is designed to assist administrators in efficiently and accurately handling day-to-day operations. Through integrated modules like member management, financial control, table operations, and chip tracking, the system offers complete data analysis, operation logs, and financial monitoring—ensuring efficient operations and regulatory compliance.

2 Quick Start

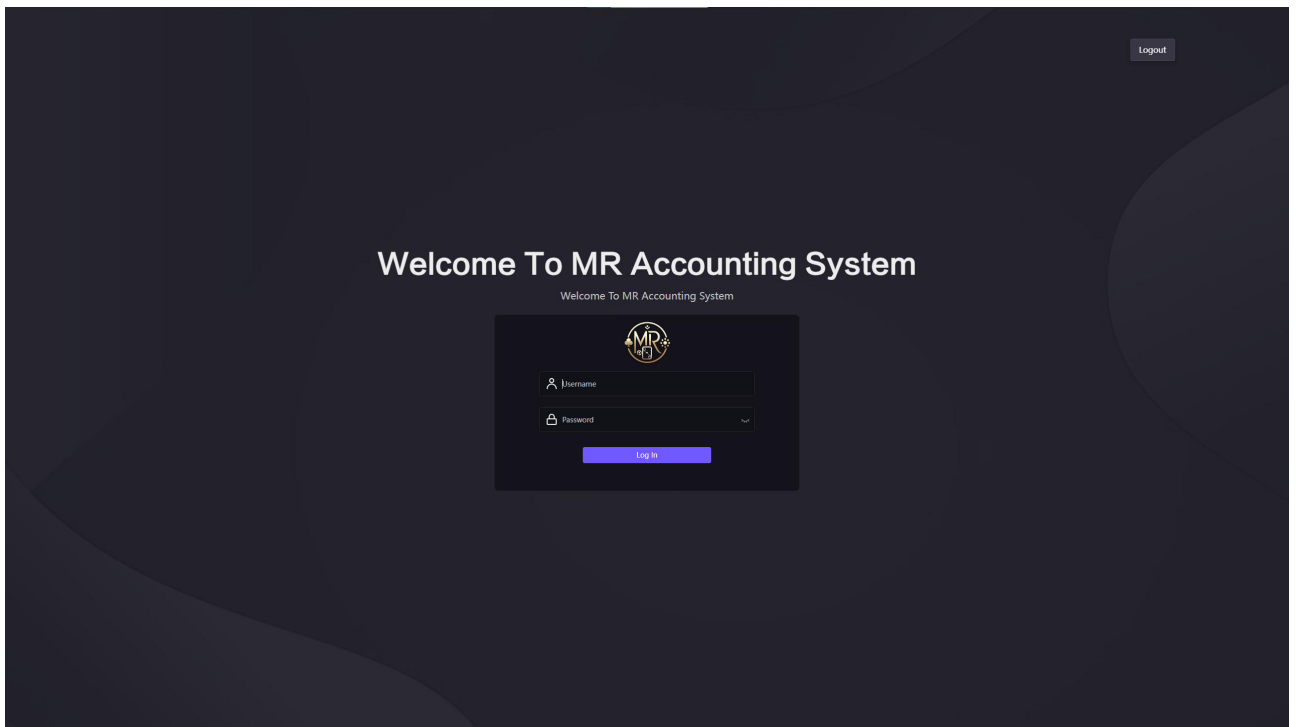
2.1 Logging In

Steps:

- 1、 Open the SiM platform and access the login screen.
- 2、 Enter your username and password. Once confirmed, click the “**Login**” button.
- 3、 The system will verify the user information. Upon successful authentication, it will redirect you to the **Dashboard**.

Common Error Message and Solution:

| Error | Message | Solution |
|---------------------------------|-----------------------|--|
| Incorrect user name or password | “User does not exist” | Ensure the correct account and password are entered. Check for case sensitivity and try again. |



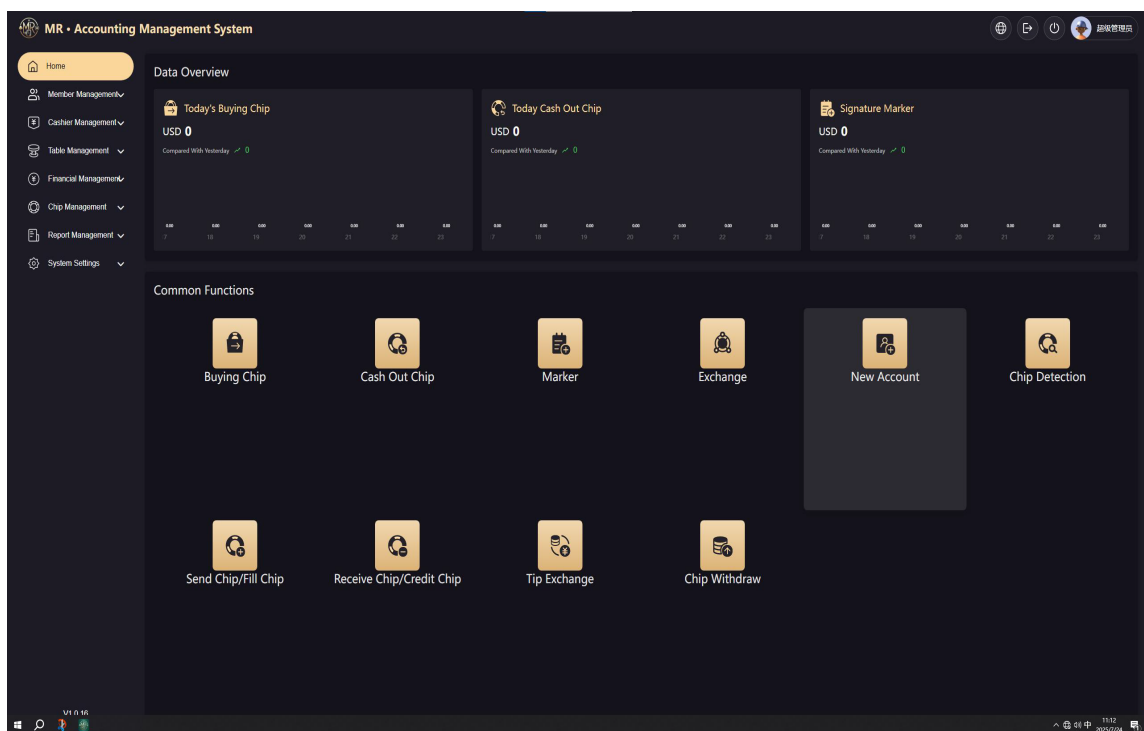
2.2 Main Interface

The main interface includes:

Top Navigation Bar: Functions such as language switch, logout, system close, personal information, and password change.

Left Menu Bar: Categorized functional entries by module.

Dashboard: Displays data summary cards and quick access to frequently used features.



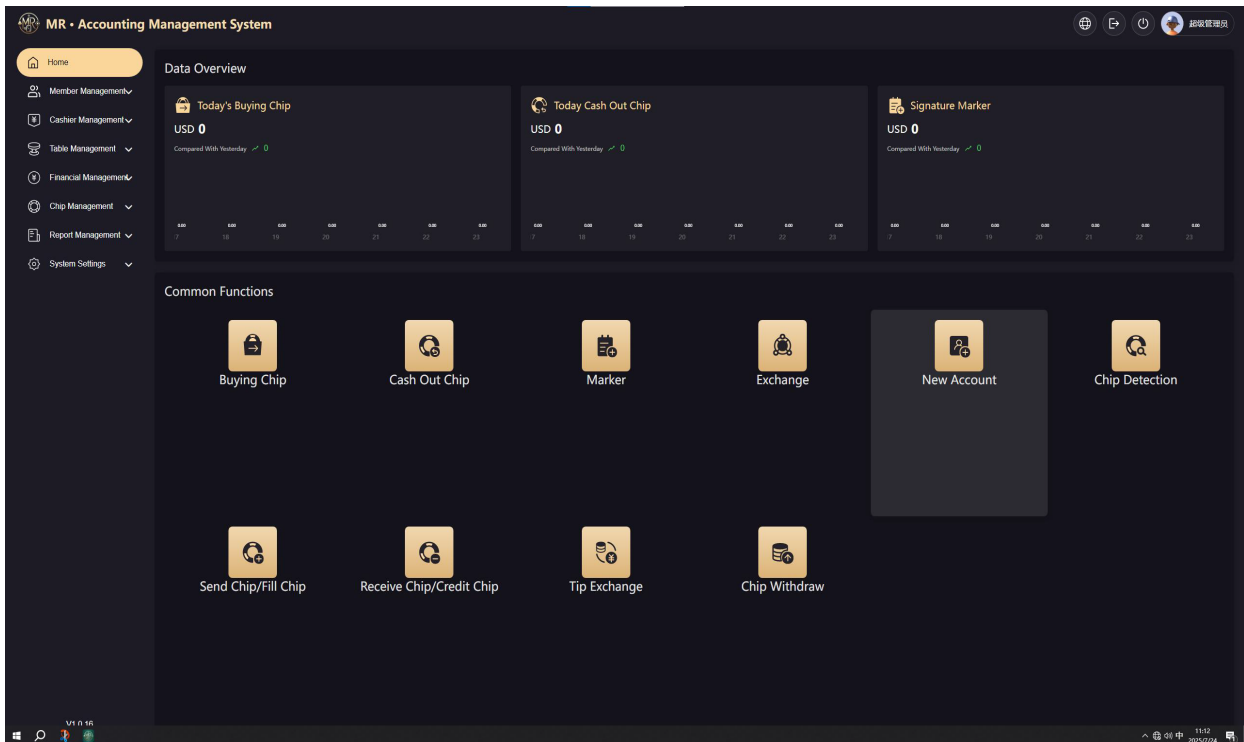
3 Functional Modules

3.1 Dashboard

Module Overview: The dashboard is the homepage of the system. It presents key operational data and quick access to commonly used features, helping users quickly grasp the system status and handle daily tasks efficiently.

Key Functions:

- **Data Summary Cards:** Displays key operational metrics such as today's chip sales, chip returns, and credit transactions. A weekly trend graph is also provided to visually represent data changes.
- **Quick Access Icons:** Icon-based shortcuts allow users to directly navigate to high-frequency operation pages (e.g., chip sales, chip returns).



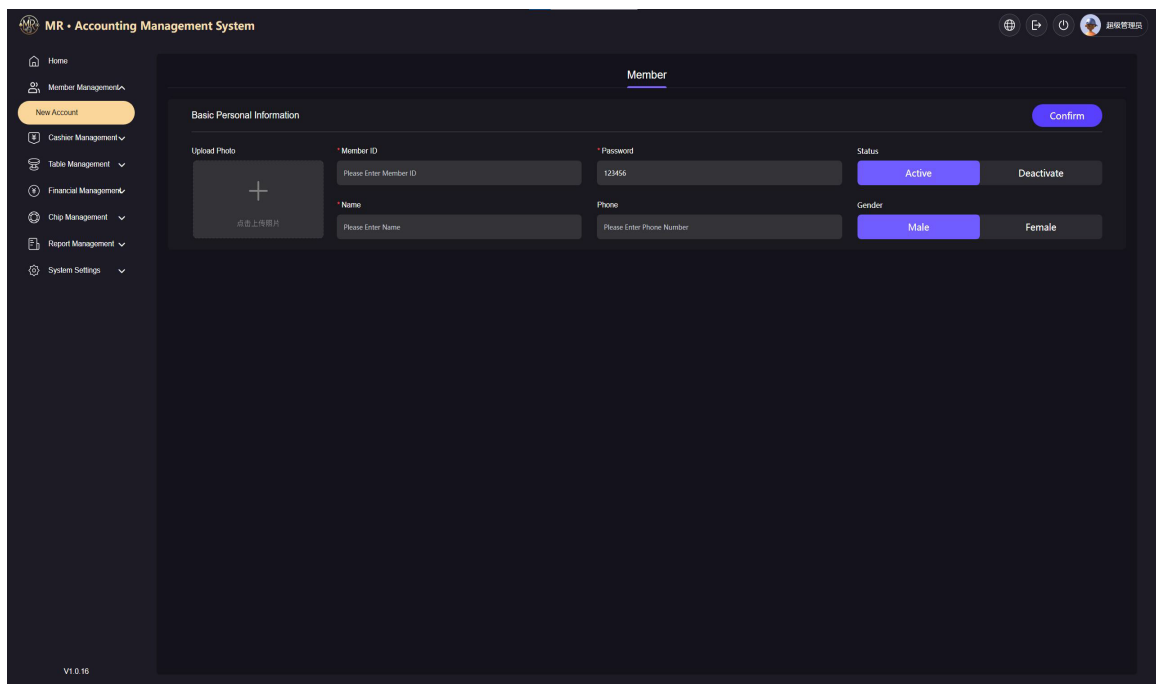
3.2 Member Management

3.2.1 Account Opening

Function Overview: This feature allows administrators to register new members by assigning a unique member ID and entering basic information for future management and use.

Steps:

- 1、 Click on “Member Management” in the left sidebar, then select “Open Account”; or click “Open Account” directly from the Dashboard shortcuts.
- 2、 Enter a unique member ID (must be 3–18 characters long, including letters, numbers, underscores, or hyphens).
- 3、 Fill in the member’s basic information.
- 4、 Click “Confirm” to complete the registration.



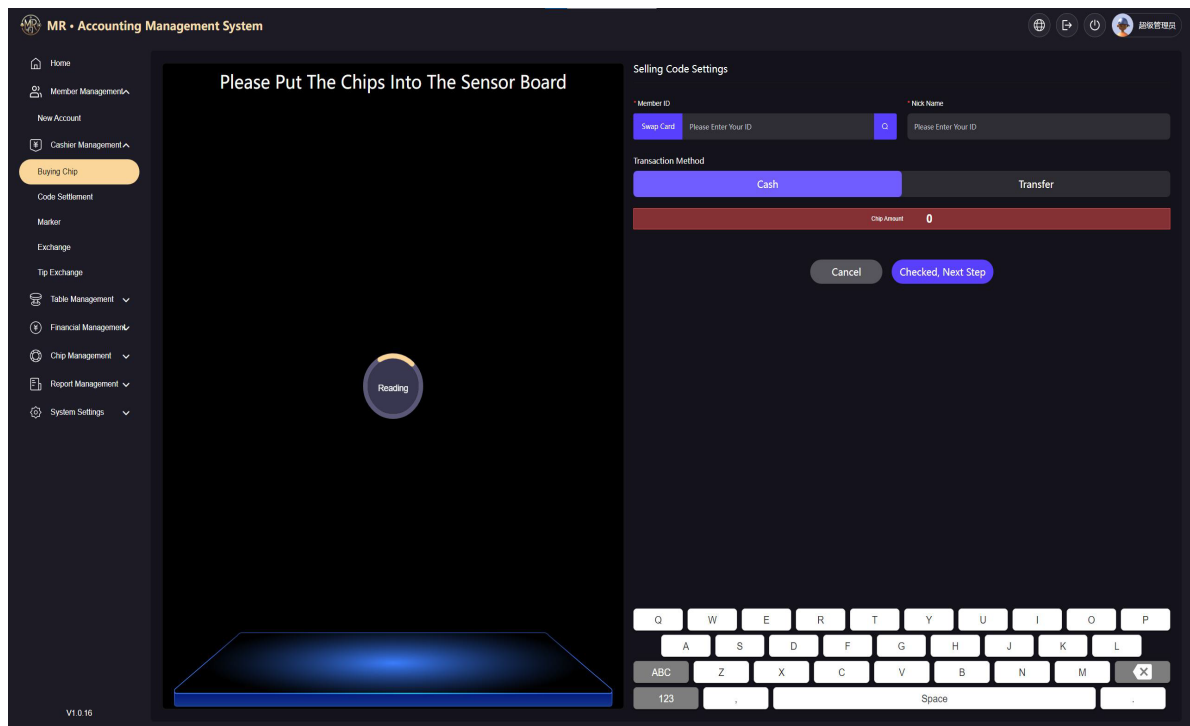
3.3 Cashier Management

3.3.1 Chip Sales

Function Overview: Used for selling chips to members while completing payment and recording the transaction.

Steps:

- 1、 Go to “Cashier Management” > “Chip Sale” to enter the page; or use the shortcut on the Dashboard.
- 2、 Enter or swipe the member’s ID card and click “Search”.
- 3、 Insert the chips the member wishes to purchase.
- 4、 Verify the chip quantity and value. If correct, click “Verified, Next”.
- 5、 After successful sale, click “Continue” to sell again, or click “Exit” to return to the Dashboard.



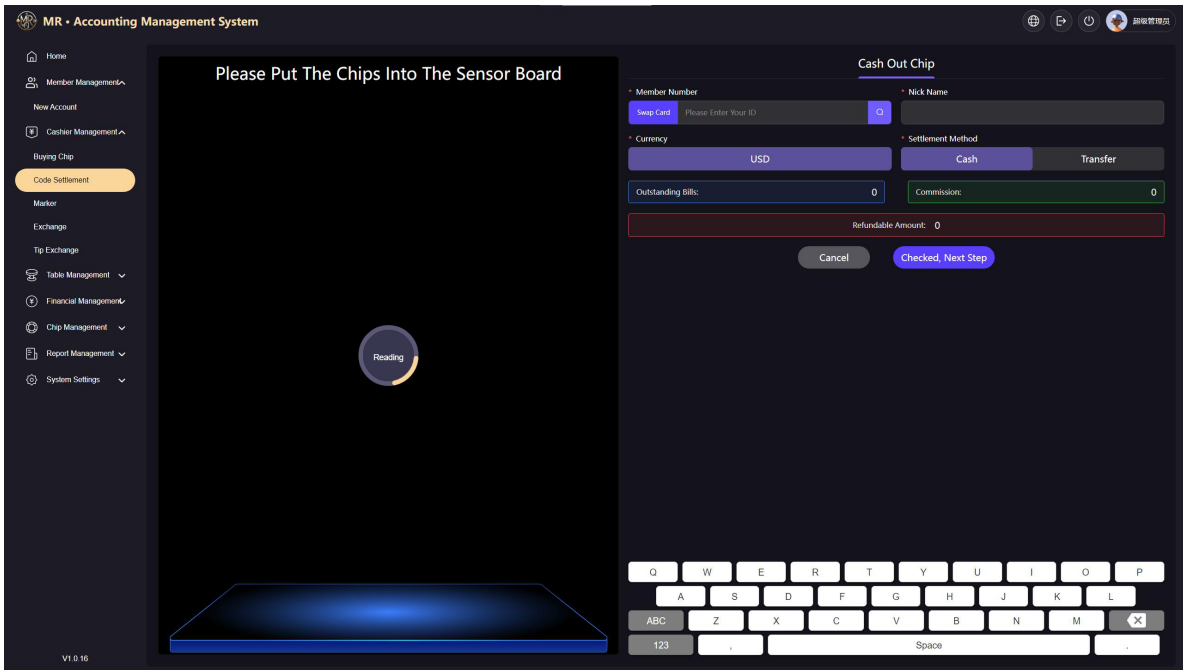
3.3.2 Chip Return Settlement

Function Overview: Used to reclaim chips from members and calculate commissions based on returned chips.

Steps:

- 1、 Go to “Cashier Management” > “Chip Return Settlement” to enter the page; or use the shortcut on the Dashboard.
- 2、 Enter or swipe the returning member’s ID and click “Search”.
- 3、 Insert the returning chips.
- 4、 The admin should verify the values of “Outstanding Credit”, “Commission”, and “Amount to be Refunded”.
- 5、 If correct, click “Verified, Next”.
- 6、 After successful return, click “Continue” to process another return, or click “Exit” to return to the Dashboard.

(Refund Amount = Returned Chip Value – Outstanding Credit + Commission)

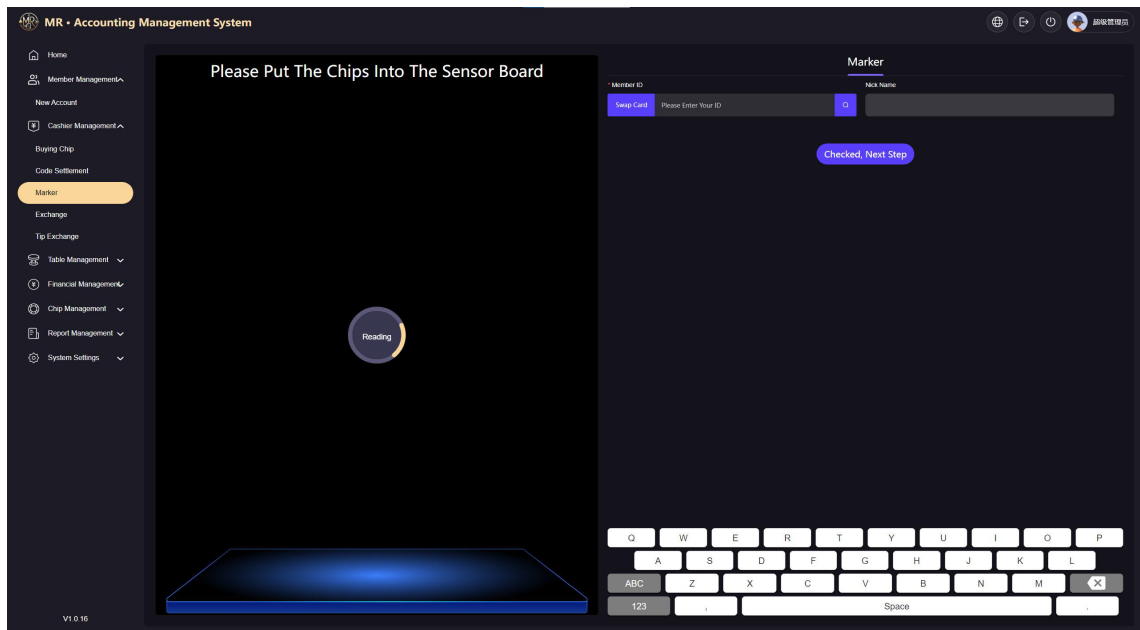


3.3.3 Credit Transaction

Function Overview: Allows members to obtain chips on credit, with the transaction recorded for later settlement.

Steps:

- 1、 Go to “Cashier Management” > “Credit Transaction” to enter the page; or use the Dashboard shortcut.
- 2、 Enter or swipe the member’s ID and click “Search”.
- 3、 Insert chips to be issued on credit.
- 4、 Verify the chip quantity and amount. If correct, click “Verified, Next”.
- 5、 After successful issuance, click “Continue” to proceed with the next transaction, or click “Exit” to return to the Dashboard.

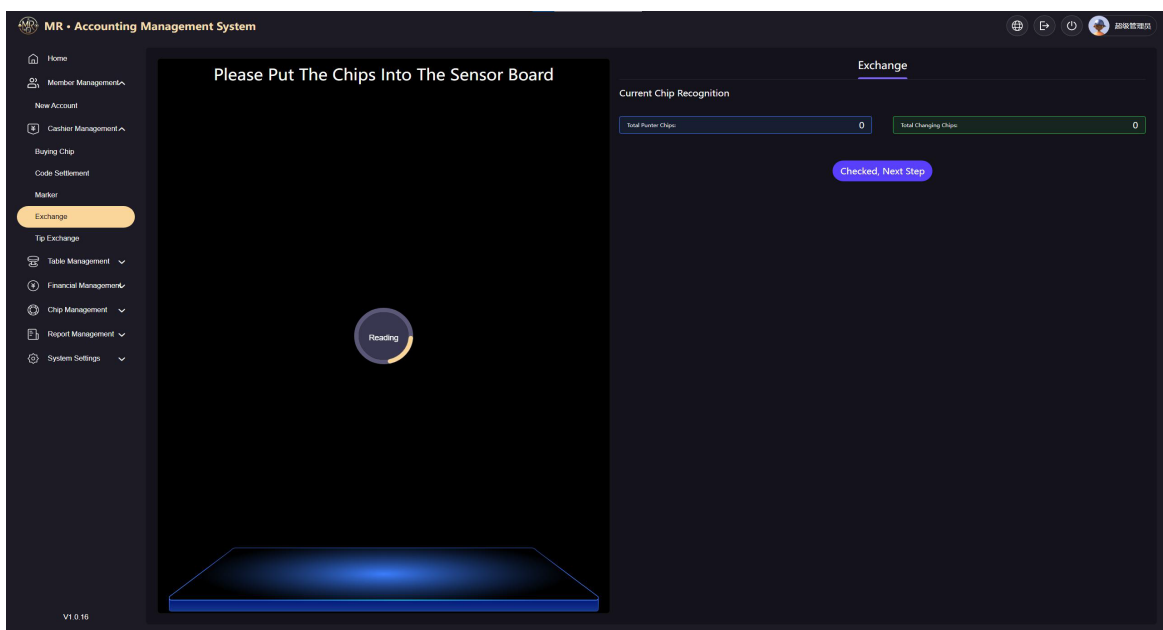


3.3.4 Chip Exchange (Breakdown)

Function Overview: Used to split or combine chips into different denominations according to member needs.

Steps:

- 1、 Go to “Cashier Management” > “Chip Exchange” to enter the page; or use the Dashboard shortcut.
- 2、 Insert the chips to be broken down.
- 3、 Insert the desired denominations to be exchanged.
- 4、 Verify the chip quantity and value. If correct, click “Verified, Next”.
- 5、 After successful exchange, click “Continue” to exchange more, or click “Exit” to return to the Dashboard.



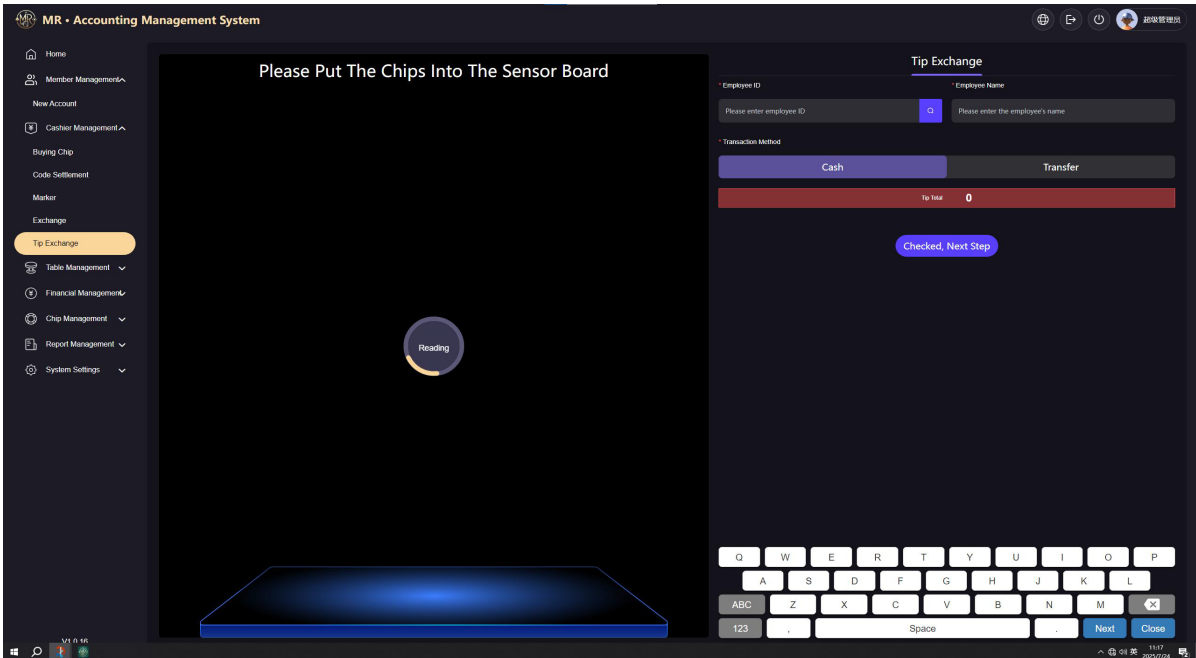
3.3.5 Tip Exchange

Function Overview: Allows floor managers to convert chip tips given by members into cash, with proper records.

Steps:

- 1、 Go to “Cashier Management” > “Tip Exchange” to enter the page; or use the Dashboard shortcut.
- 2、 Enter the staff account receiving the tip and click “Search”.
- 3、 Insert the chip tips.
- 4、 Verify chip quantity and amount. If correct, click “Verified, Next”.

5、 After successful exchange, click “Continue” to exchange more, or click “Exit” to return to the Dashboard.



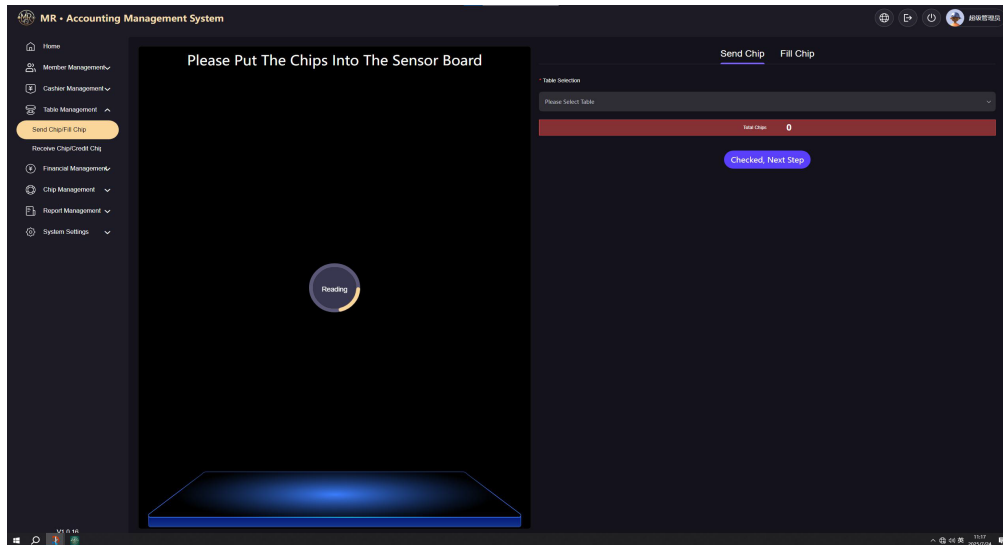
3.4 Table Management

3.4.1 Chip Issuance / Chip Top-Up

Function Overview: This function allows administrators to issue or top-up chips to tables, ensuring a smooth flow of chips during operations. Administrators can adjust the quantity and value of chips based on table requirements.

Steps:

- 1、 In the left sidebar, click “Table Management”, then select “Chip Issuance / Top-Up” to enter the page; or click “Chip Issuance / Top-Up” from the Dashboard shortcuts.
- 2、 Select the operation type: Chip Issuance or Top-Up.
- 3、 Choose the table to operate on.
- 4、 Insert the corresponding chips.
- 5、 Verify the chip quantity and value. If accurate, click “Verified, Next”.
- 6、 After successful issuance or top-up: click “Continue” to process another, or click “Exit” to return to the Dashboard.

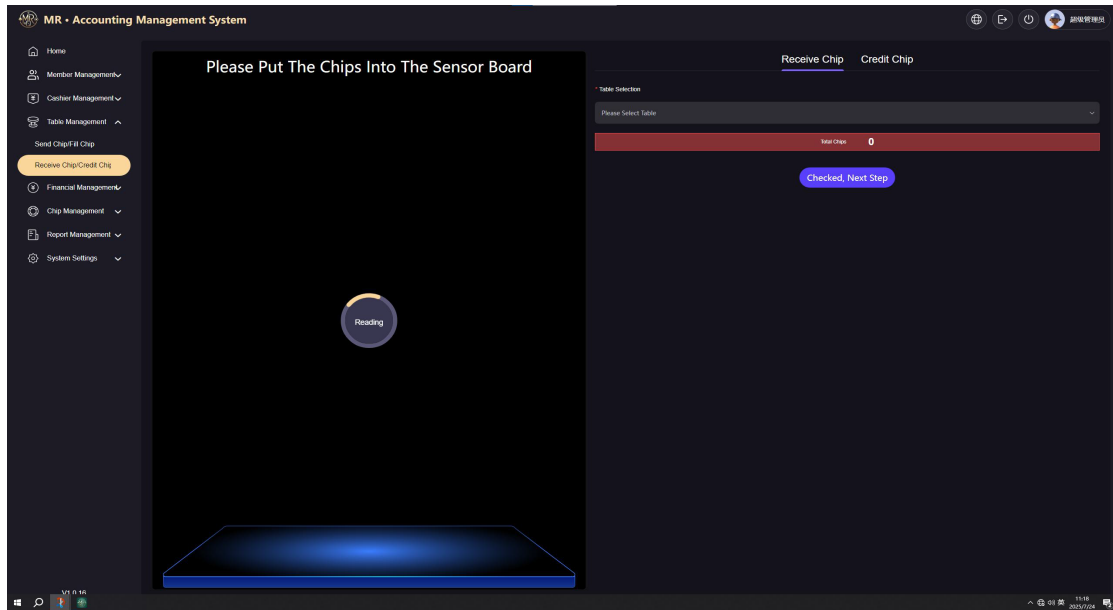


3.4.2 Receive Chips

Function Overview: Used by administrators to reclaim chips from tables or withdraw chips from chip trays, with records maintained.

Steps:

- 1、 In the left sidebar, click “Table Management”, then select “Chip Collection / Withdrawal”to enter the page; or use the shortcut on the Dashboard.
- 2、 Select the operation type: Chip Collection or Withdrawal.
- 3、 Choose the target table.
- 4、 Insert the corresponding chips.
- 5、 Verify the chip quantity and value. If correct, click “Verified, Next”.
- 6、 After completion,Click “Continue” to proceed, or click “Exit” to return to the Dashboard.



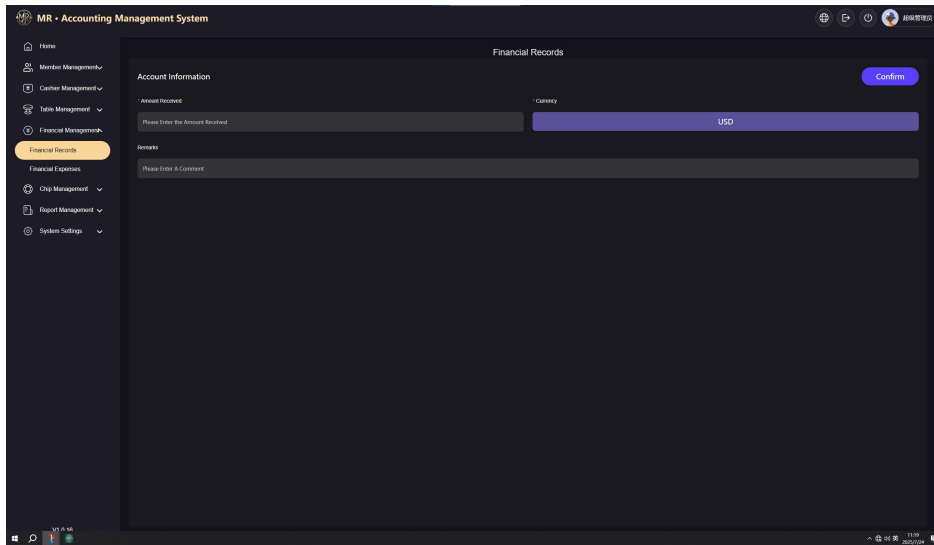
3.5 Financial Management

3.5.1 Financial Records

Function Overview: Used to record detailed information when the finance department deposits cash into the cage.

Steps:

- 1、 In the left sidebar, click “Financial Management”, then select “Financial Deposit”.
- 2、 Enter the deposit amount and currency.
- 3、 After verifying the information, click “Confirm”.
- 4、 After submission, Click “Continue” to deposit more, or click “Exit” to return to the Dashboard.

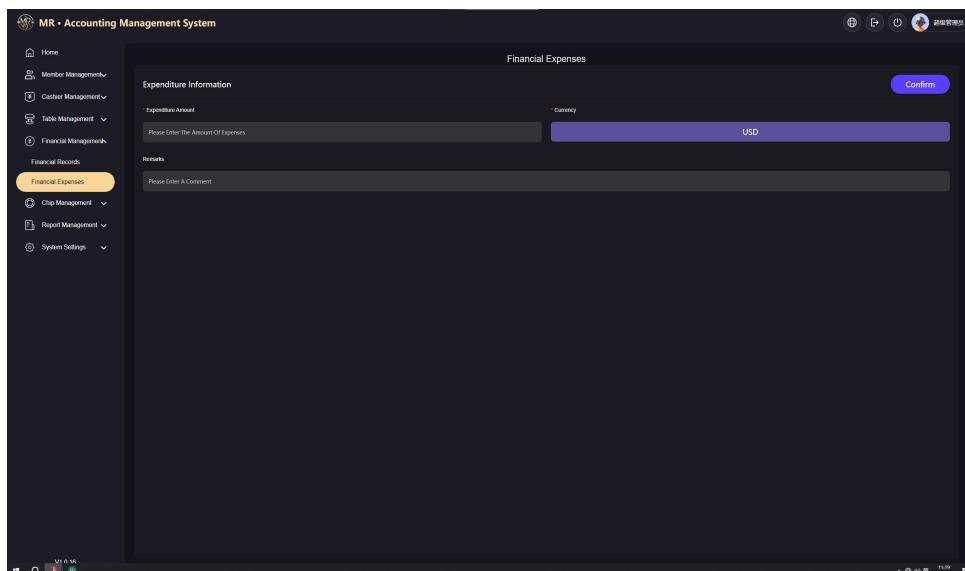


3.5.2 Financial Expenses

Function Overview : Used to record cash withdrawals by the finance department from the cage and document expense details.

Steps:

- 1、 In the left sidebar, click “Financial Management”, then select “Financial Withdrawal”.
- 2、 Enter the withdrawal amount and currency.
- 3、 After verifying the information, click “Confirm”.
- 4、 After submission, Click “Continue” to continue, or click “Exit” to return to the Dashboard



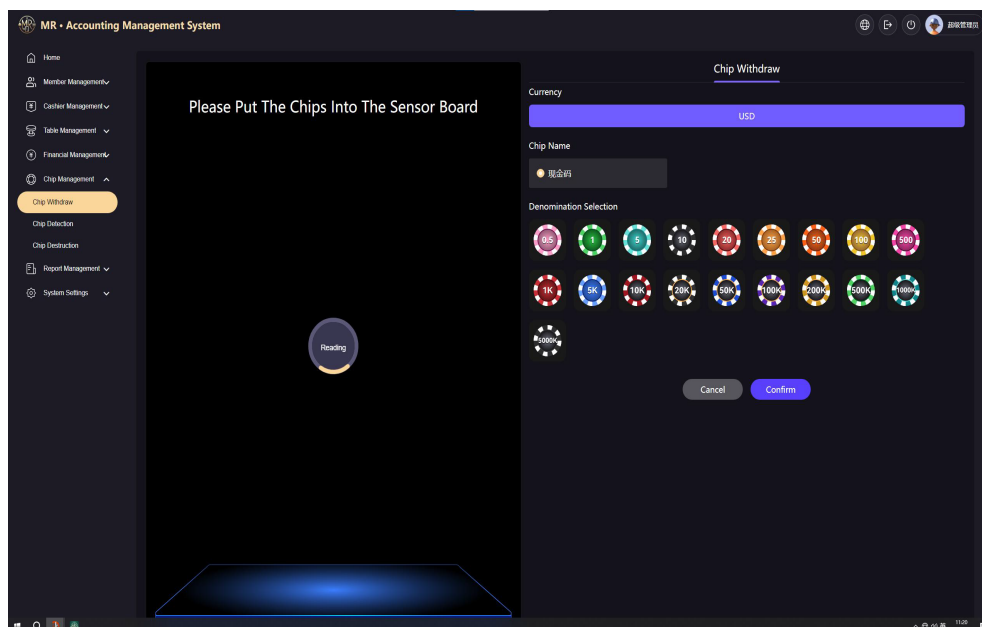
3.6 Chip Management

3.6.1 Chip Withdraw

Function Overview: Used to register newly acquired chips into the system before they are added to inventory.

Steps:

- 1、 In the left sidebar, click “Chip Management”, then select “Chip Issuance”.
- 2、 Select the chip’s currency, name, and denomination.
- 3、 Place the new chips on the sensor pad.
- 4、 Verify chip quantity and value match the input. Click “Confirm”.
- 5、 After successful issuance, Click “Continue” to issue more, or Click “Exit” to return to the Dashboard.



3.6.2 Chip Detection

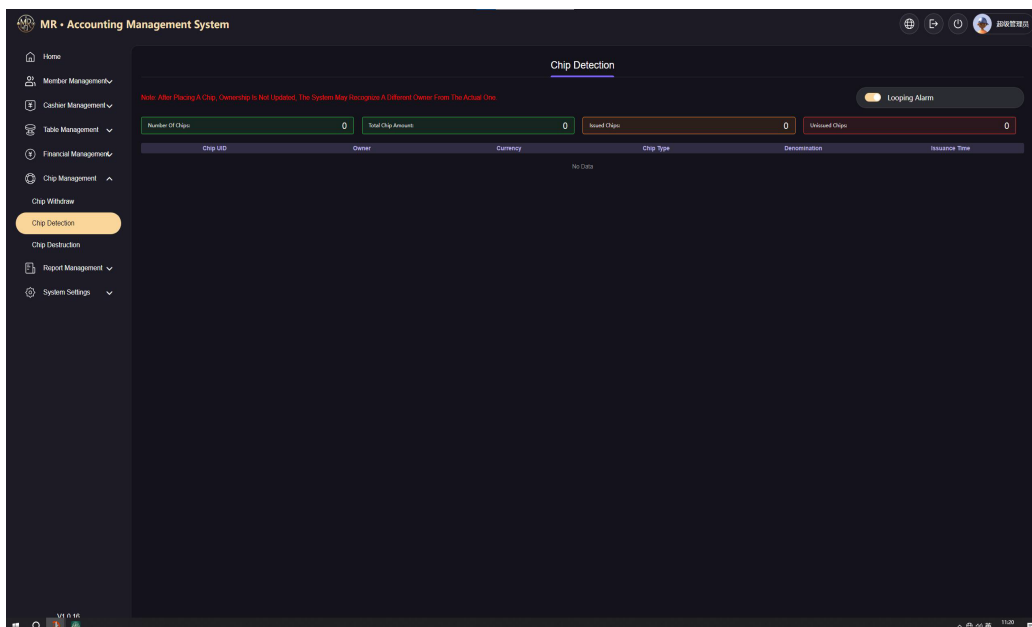
Function Overview: Used to verify chip authenticity, status, and transaction history.

Steps:

- 1、 Click “Chip Management” > “Chip Detection”; or use the Dashboard shortcut.
- 2、 Place the chips to be checked onto the sensor pad.

Note on " Looping Alarm" Button:

- If both issued and unissued chips are placed on the pad, an alarm will sound.
- If “Continuous Alarm” is enabled, the alarm will continue until unissued chips are removed.
- If disabled, the alarm will sound only once.
- If only unissued chips are detected, no alarm will trigger.



3.6.3 Chip Destruction

Function Overview: Used to dispose of invalid or decommissioned chips.

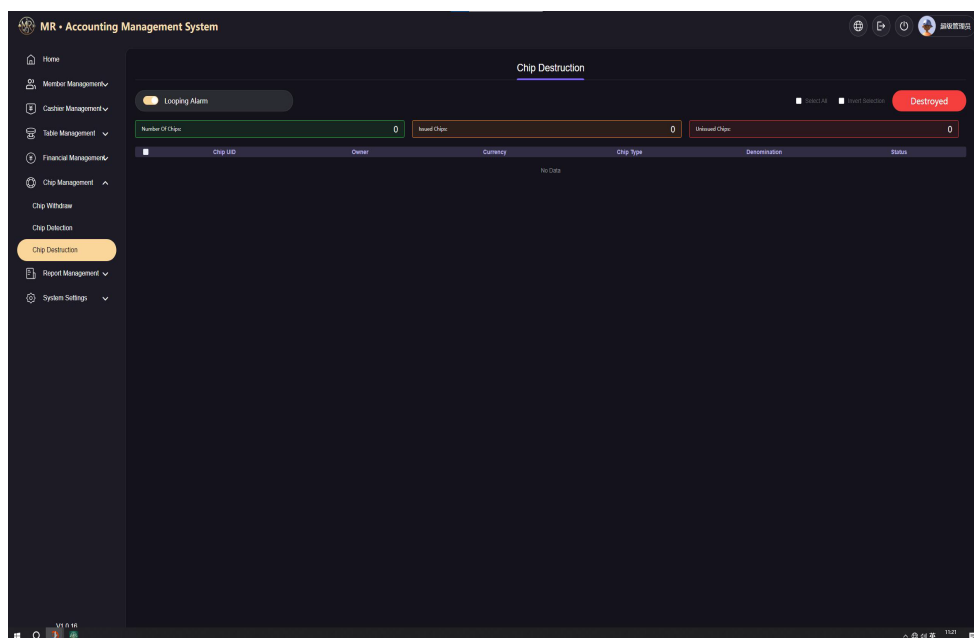
Destroyed chips cannot be circulated again. If destroyed by mistake, reissuance is required.

Steps:

- 1、Click “Chip Management” > “Chip Destruction”.
- 2、Place the chips to be destroyed on the sensor pad, check the ones to destroy, and click “Destroy”.

Note on “Looping Alarm”:

(Behavior is same as in Chip Detection.)

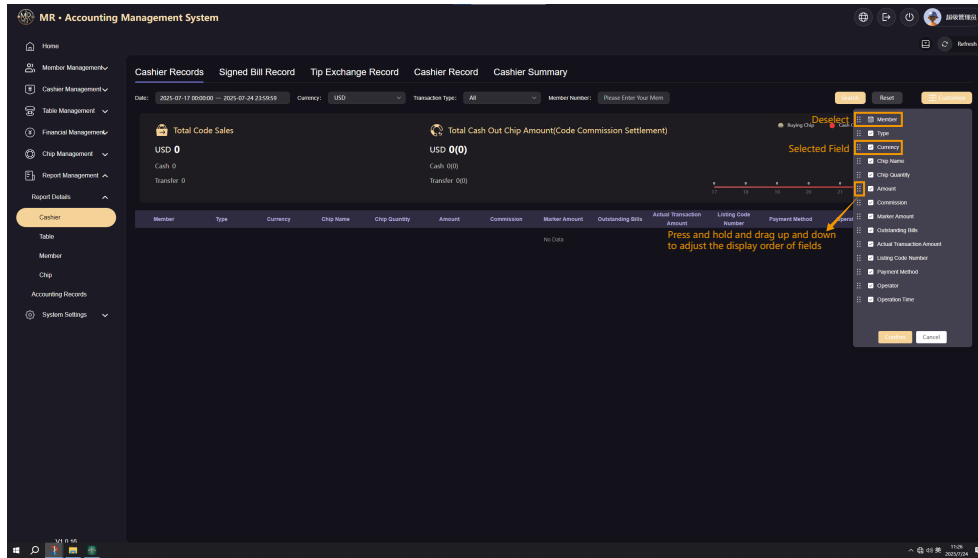


3.7 Report Management

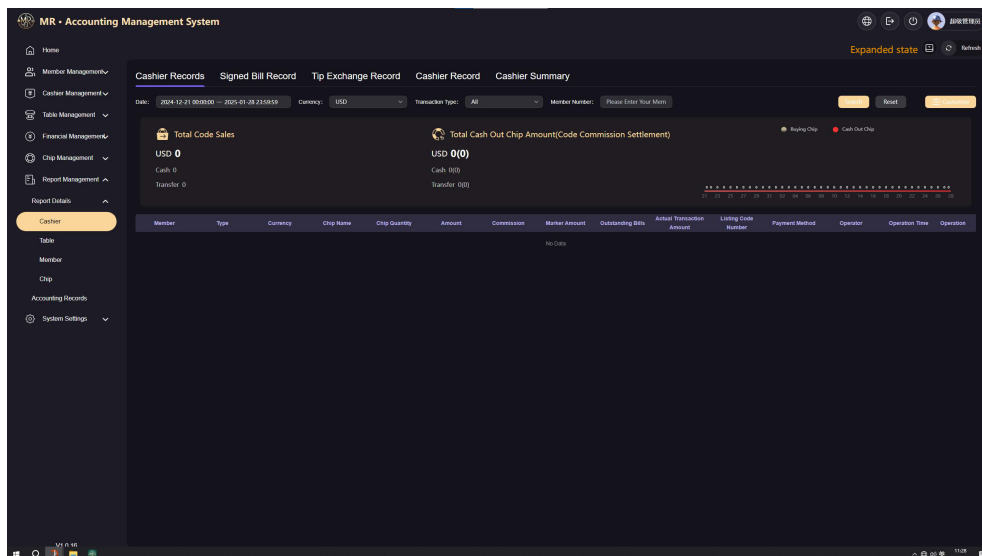
3.7.1 Report Details

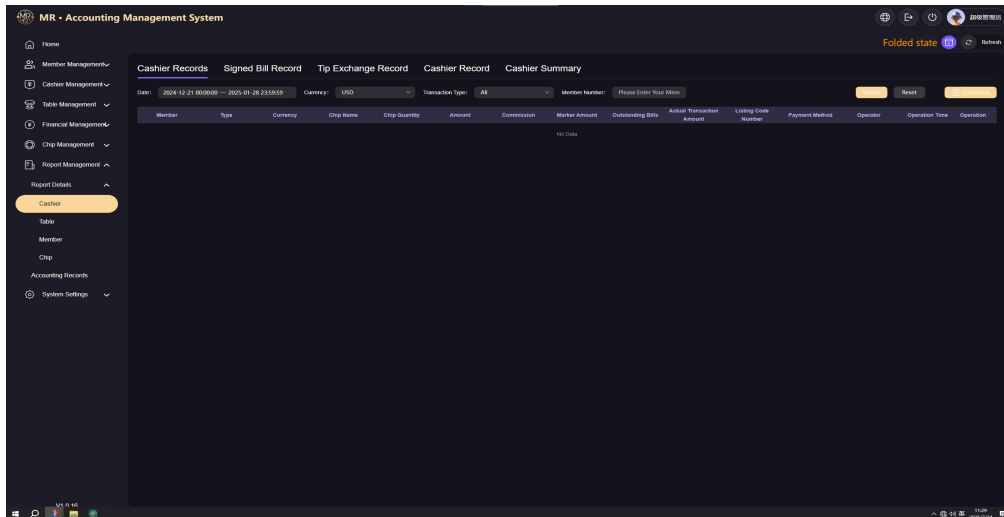
Common Features Across All Reports:

① The “Customize” button allows users to rearrange field positions and choose which fields to show or hide.



② The “Collapse” button expands or collapses the summary bar data. By default, the summary bar is expanded.





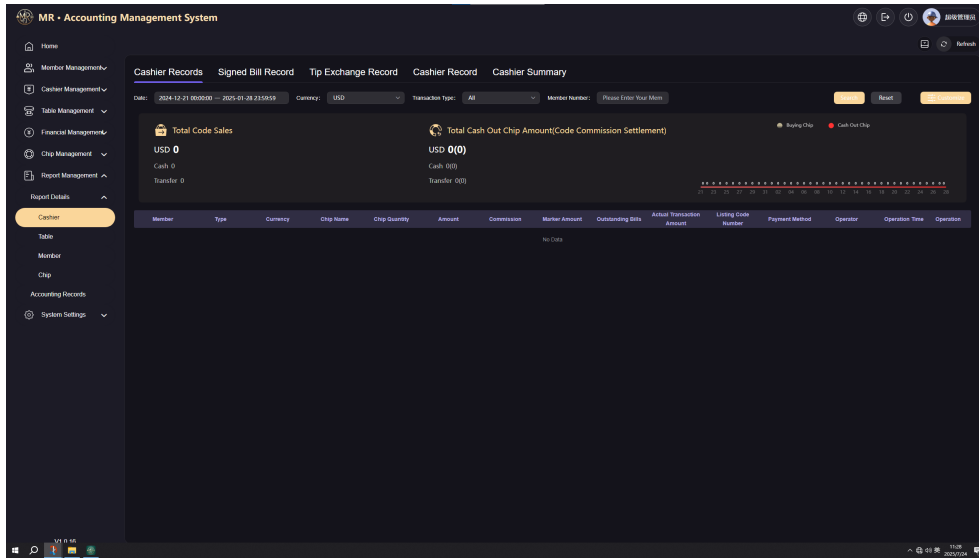
3.7.1.1.1 Cashier Records (Accounting)

Function Overview: The cashier records module tracks and displays all chip transaction data.

Steps: From the left menu, click “Report Management” → “Report Details” → select “Accounting” → “Cashier Records”.

Page Features:

- The total chip sales and refunds at the top dynamically update based on the selected time range and currency.
- A trend chart on the right shows day-by-day fluctuations for the selected period.
- Displays the summary and trend chart of the last 7 days by default.



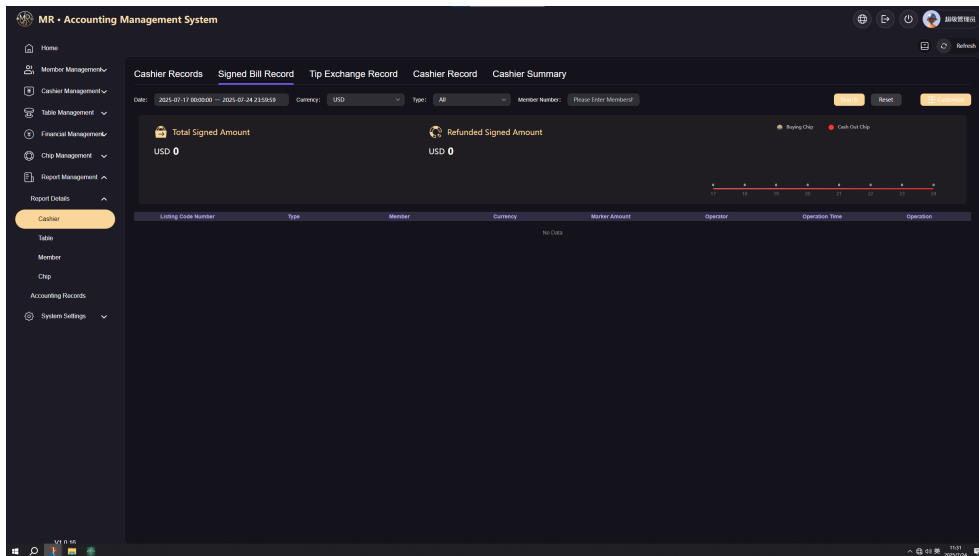
3.7.1.1.2 Credit Records (Accounting)

Function Overview: This function tracks member credit transaction details, including amount and timestamp.

Steps: Left menu → “Report Management” → “Report Details” → “Accounting” → “Credit Records”.

页面说明:

- Total credit and returned credit are shown and update dynamically.
- Right side trend chart shows daily data trends.
- Displays the last 7 days by default.



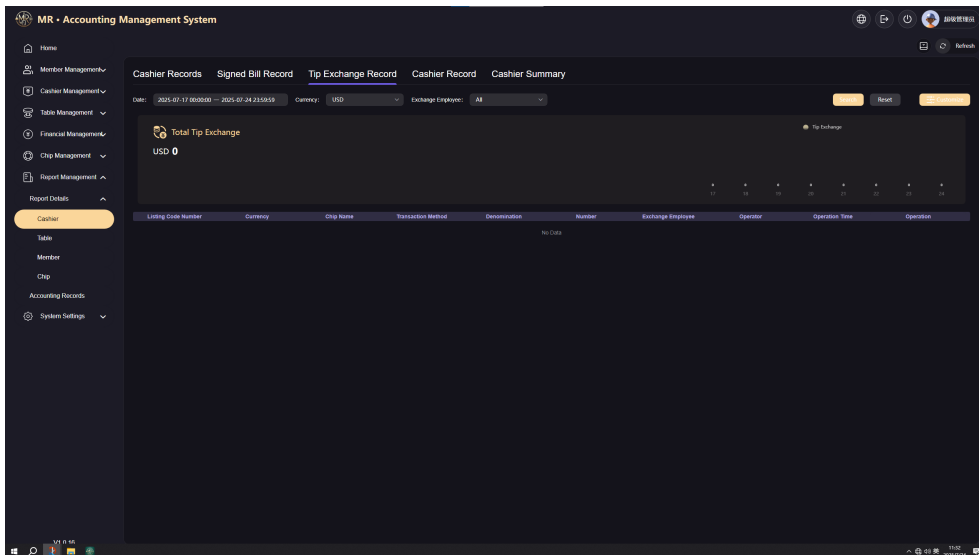
3.7.1.1.3 Tip Exchange Records (Accounting)

Overview: Tracks chip tips given by members and converted into cash.

Steps: Left menu → “Report Management” → “Report Details” → “Accounting” → “Tip Exchange Records”.

Page Features:

- Tip exchange totals update dynamically by time and currency.
- Includes a right-side trend chart.
- Default view shows 7-day summary and trend.



3.7.1.1.4 Treasury Records (Accounting)

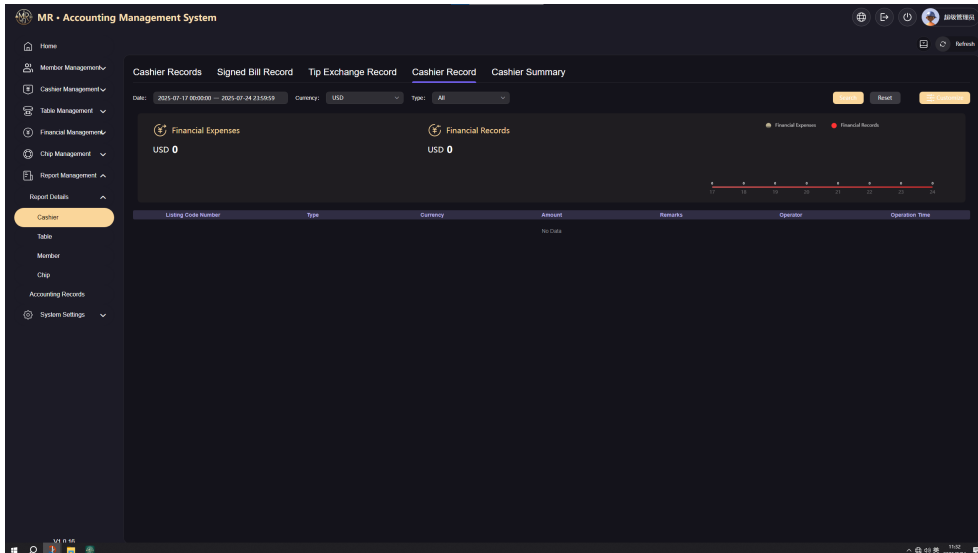
Overview: Tracks all fund transfers between the cashier and the finance department.

Steps: Left menu → “Report Management” → “Report Details” → “Accounting” → “Treasury Records”.

Page Features:

- Top section shows total chip sales, refunds, credits, returned credits, and tip exchanges for the selected range.
- Bottom chart displays daily data trends.

- Shows last 7 days by default.



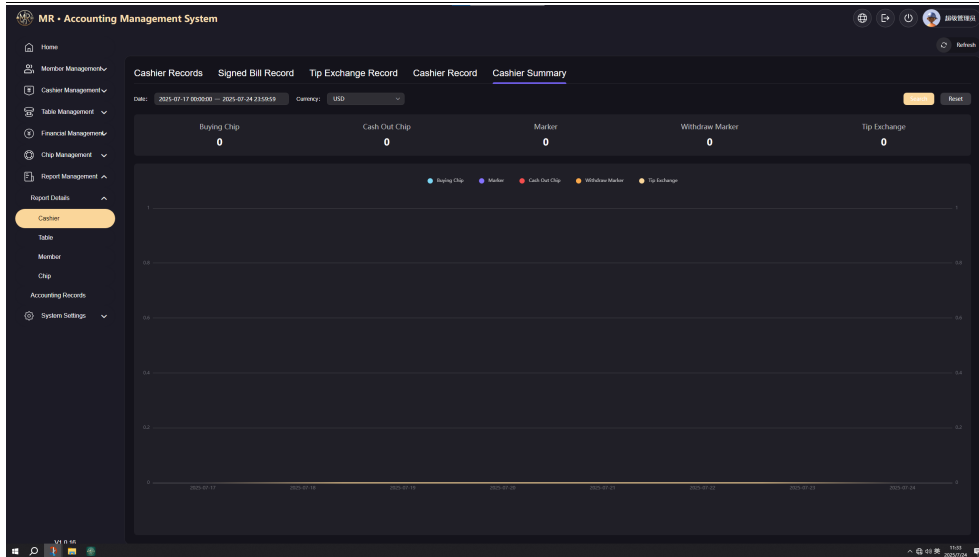
3.7.1.1.5 Accounting Summary (Accounting)

Overview: Summarizes all accounting-related transactions.

Steps: Left menu → “Report Management” → “Report Details” → “Accounting” → “Accounting Summary”.

Page Features:

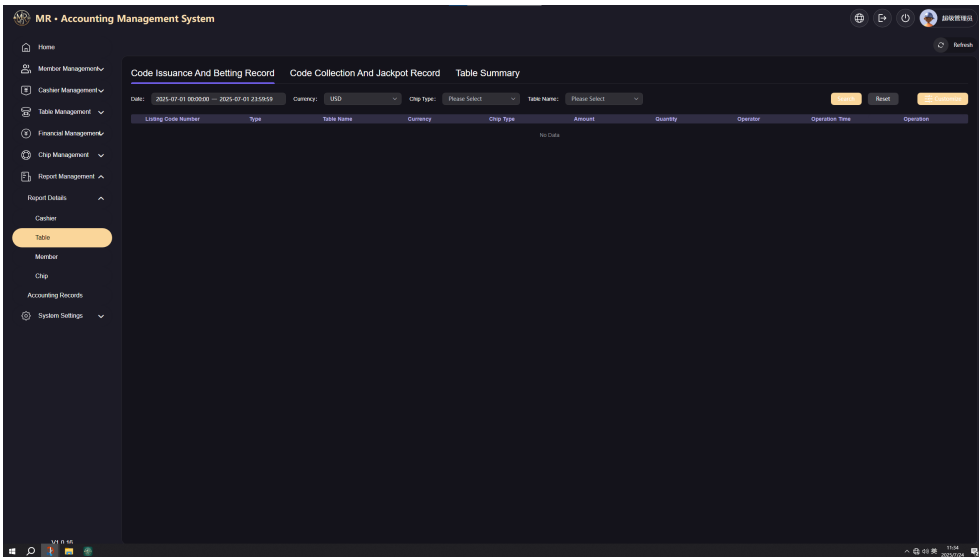
- Top section shows total chip sales, refunds, credits, returned credits, and tip exchanges for the selected range, bottom chart displays daily data trends.
- Shows last 7 days by default.



3.7.1.2.1 Chip Issuance & Refill Records (Table)

Overview: Tracks issuance and refill operations performed by administrators on tables.

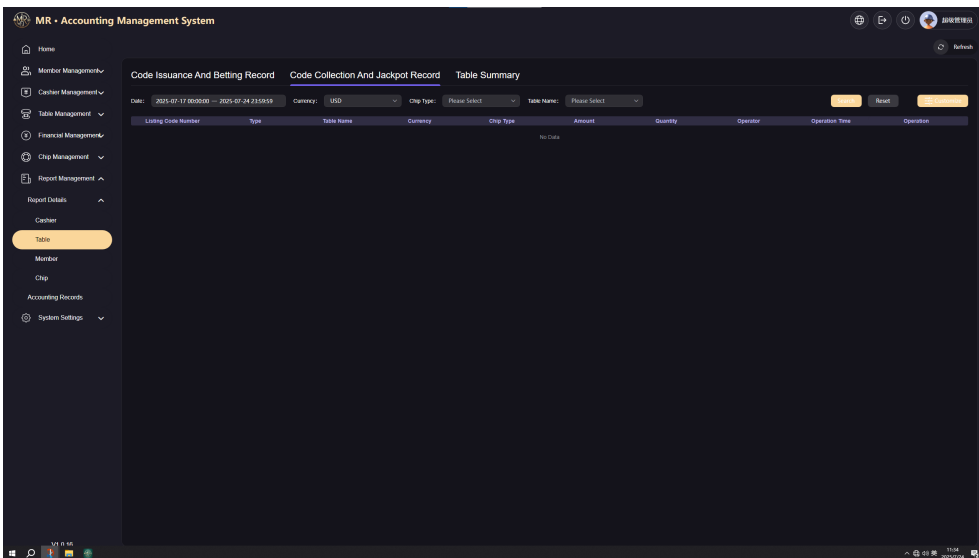
Steps: Left menu → “Report Management” → “Report Details” → “Table” → “Chip Issuance & Refill Records”.



3.7.1.2.2 Chip Collection & Withdrawal Records (Table)

Overview: Tracks chip collection and withdrawal operations from tables.

Steps: Left menu → “Report Management” → “Report Details” → “Table” → “Chip Collection & Withdrawal Records”.



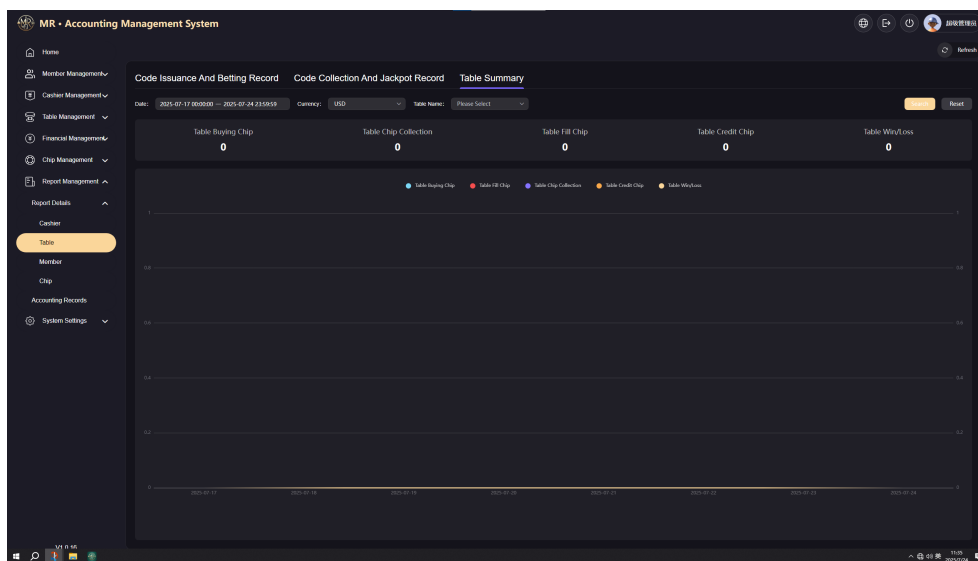
3.7.1.2.3 Table Summary

Overview: Summarizes chip flow for all tables: issuance, collection, refill, and withdrawal.

Steps: Left menu → “Report Management” → “Report Details” → “Table” → “Table Summary”

Pages Features:

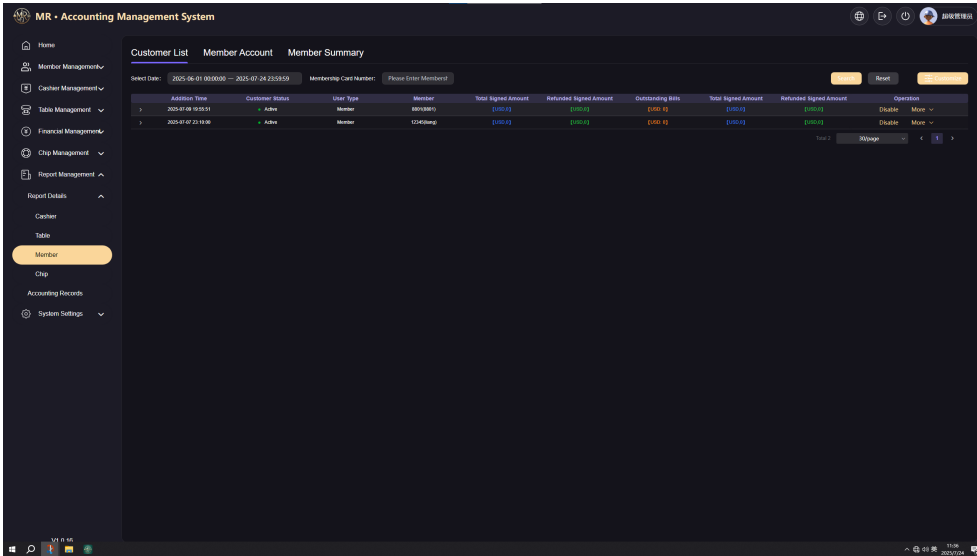
- Top: totals for chip issuance, collection, refill, withdrawal, and water level changes. Bottom: daily trend chart.
- Displays 7-day default view.



3.7.1.3.1 Client List (Member)

Overview: Displays detailed information of all registered members.

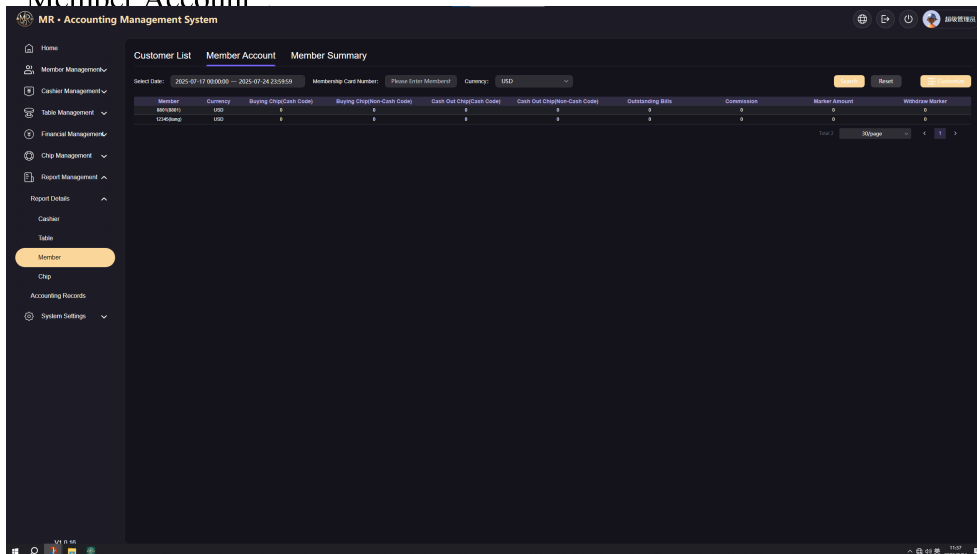
Steps: Left menu → “Report Management” → “Report Details” → “Member” → “Client List”.



3.7.1.3.2 Member Account

Overview: Shows each member’s summary of transactions including chip sales, refunds, credit, commission, and returned credits.

Steps: Left menu → “Report Management” → “Report Details” → “Member” → “Member Account”



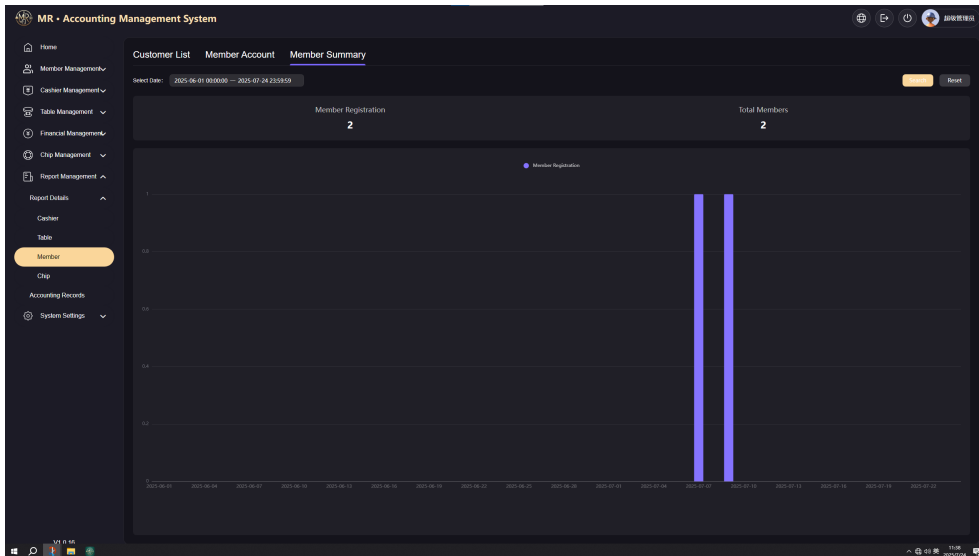
3.7.1.3.3 Member Summary

Overview: Displays statistics on total and newly registered members.

Steps: Left menu → “Report Management” → “Report Details” → “Member” → “Member Summary”.

Pages Features:

- Top: number of new and total members in selected period. Bottom: daily trend chart.
- Default is last 7 days.



3.7.1.4.1 Chip Issuance Records

Overview: Tracks issued chips including type, denomination, quantity, and timestamp.

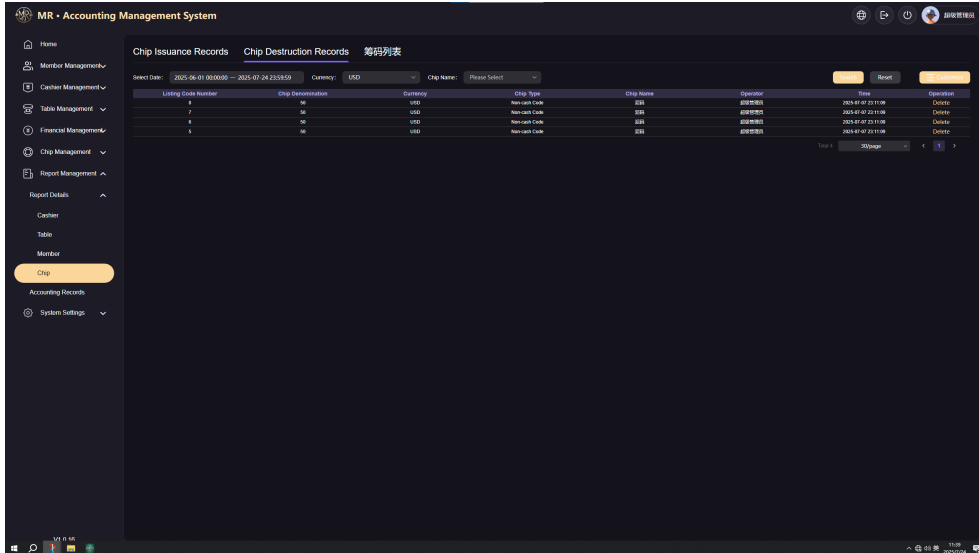
Steps: Left menu → “Report Management” → “Report Details” → “Chip” → “Chip Issuance Records”.

| Listing Code Number | Currency | Chip Name | Chip Denomination | Chip Quantity | Amount | Operator | Time | Operation |
|---------------------|----------|-----------|-------------------|---------------|--------|----------|------------------|--------------|
| 1 | USD | 壹佰圓 | 100 | 1 | 100 | 羅志華 | 2025-07-21 10:08 | Chip Details |
| 2 | USD | 壹圓 | 10 | 4 | 200 | 羅志華 | 2025-07-21 10:12 | Chip Details |
| 1 | USD | 拾 | 10 | 4 | 200 | 羅志華 | 2025-07-21 10:14 | Chip Details |

3.7.1.4.2 Chip Destruction Records

Overview: Tracks all destroyed chips including type, denomination, quantity, and time of destruction.

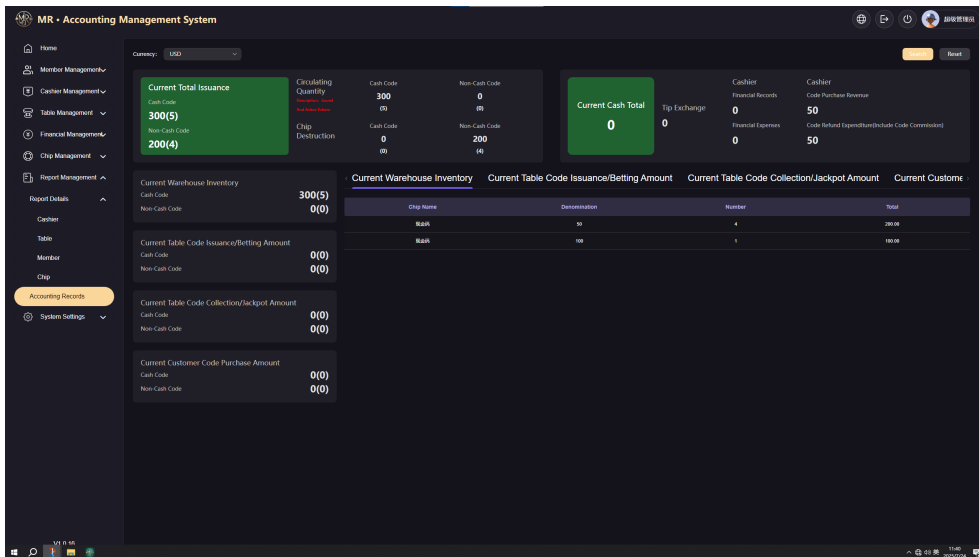
Steps: Left menu → “Report Management” → “Report Details” → “Chip” → “Chip Destruction Records”.



3.7.2 Accounting Ledger

Overview: Tracks all financial activities in the cashier module, including chip issuance, treasury transfers, cashier transactions, and table operations (issuance, collection, refill, withdrawal). Data Format: Displayed as: **Chip Amount (Number of Chips)**

Steps: Left menu → “Report Management” → “Accounting Ledger”.



3.8 System Settings

3.8.1 Account & Permissions

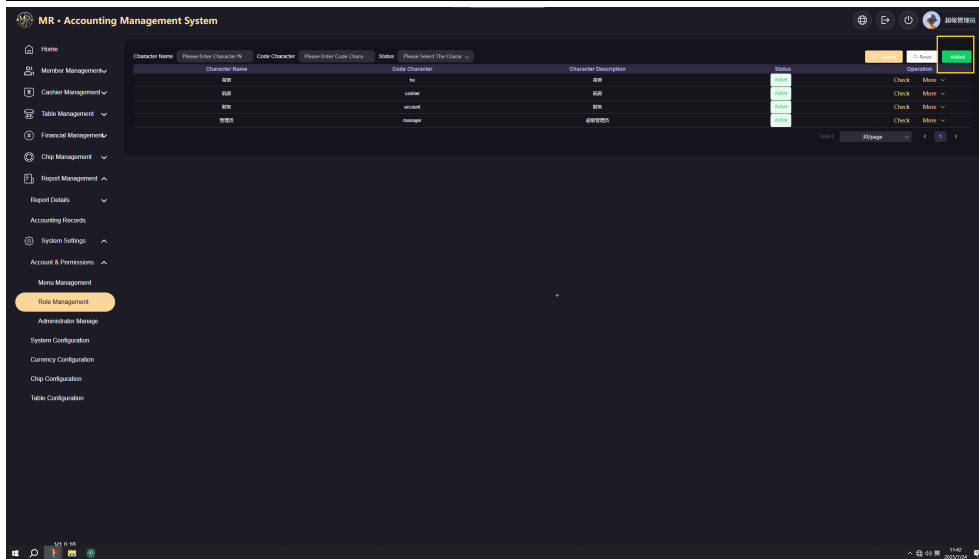
3.8.1.1 Role Management

Function Overview : Role management allows administrators to define and manage access permissions for different roles. This includes creating, editing, deleting roles, and assigning permissions to ensure that users can only access authorized functions.

Steps: Left menu → “System Setting” → “Account & Permissions” → “Role Management”.

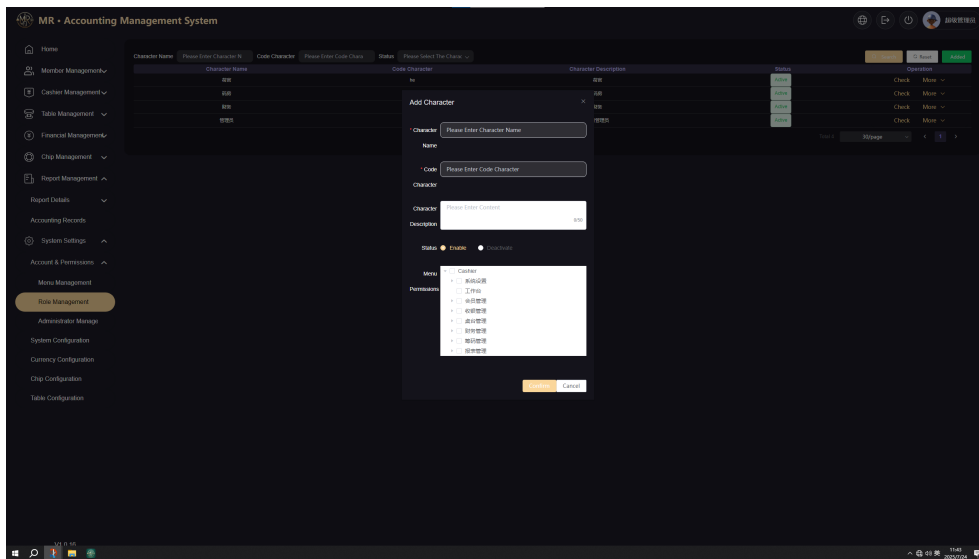
To create a new role :

1. Click the “Add” button in the top-right corner of the page to open the new role dialog.



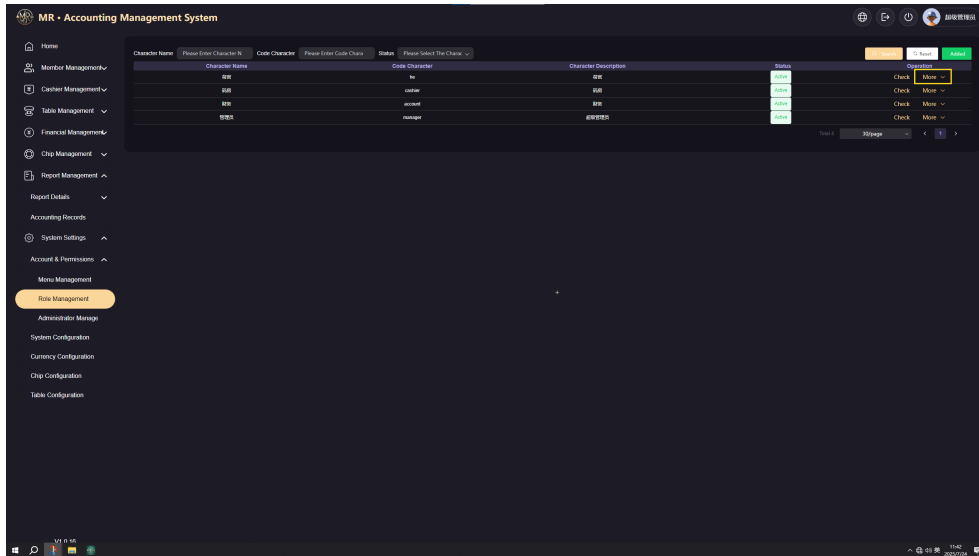
2. Enter the role name, code, description, and select the corresponding permissions as needed.

3. Click “Confirm” to complete creation.

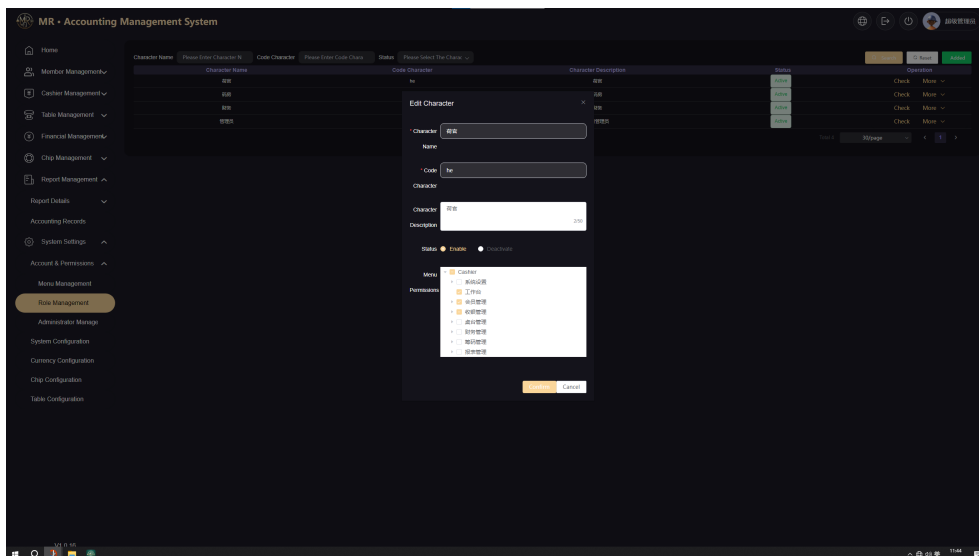


To edit a role:

1. Find the role in the list and click “Edit” next to it.

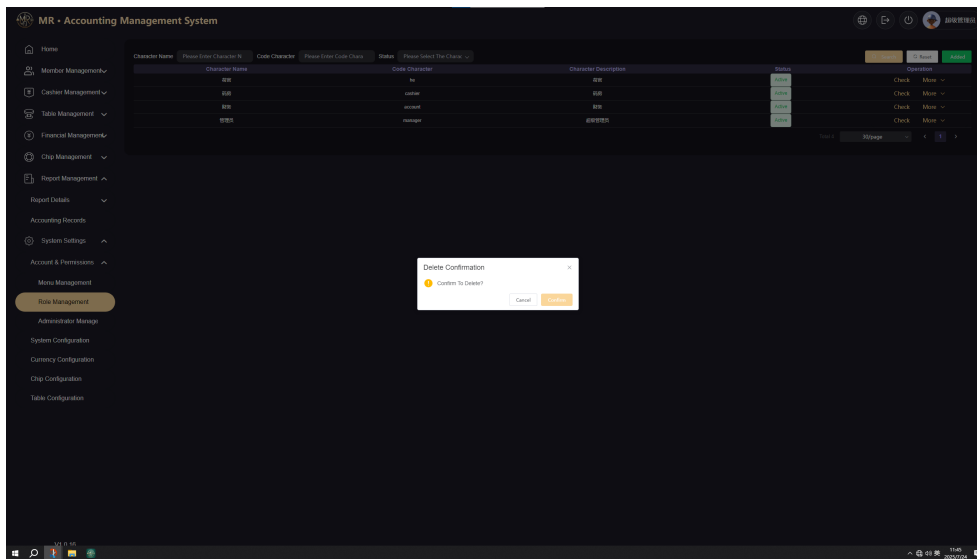


2. Modify the name, description, or permissions in the edit window.
3. Click “Confirm” to apply changes.



To delete a role:

1. Click “More” next to the role, then select “Delete”.
2. A confirmation prompt will appear.
3. Click “Confirm Delete” to remove the role.

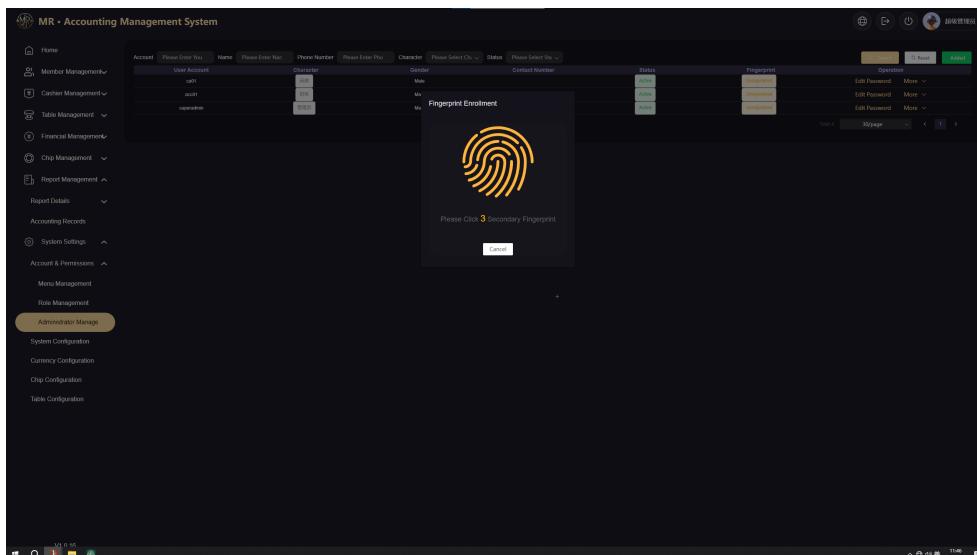


3.8.1.2 Administrator Management

Overview: Administrator management enables the creation, editing, permission management, and deletion of admin accounts in the system.

To register admin fingerprints:

1. Click “More” next to the admin name and select “Fingerprint Registration”
2. Follow the on-screen instructions to complete fingerprint capture.

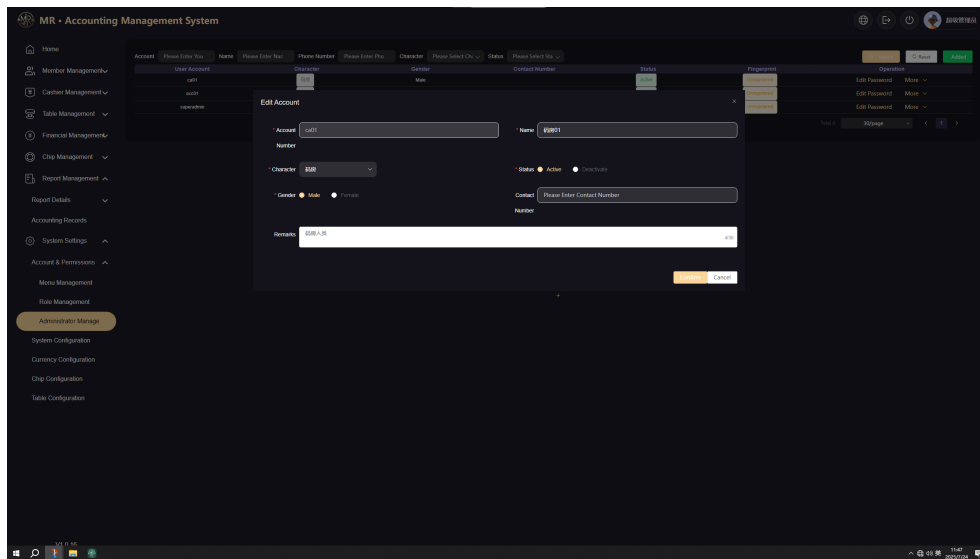


To create an administrator:

1. Click “Add” in the top-right corner.

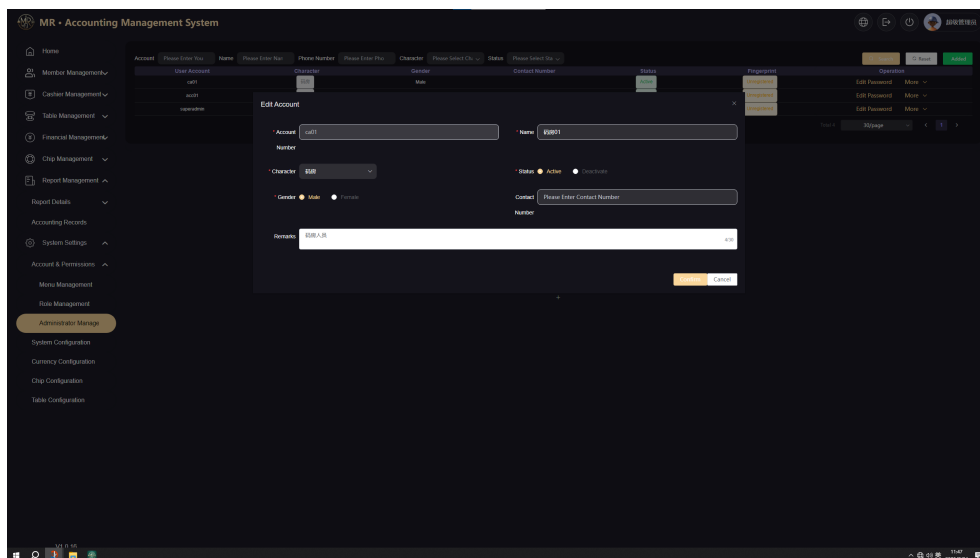
2. Fill in the account, name, role permissions, account status, password, and gender.

Click “Confirm” to finish creating the admin account.



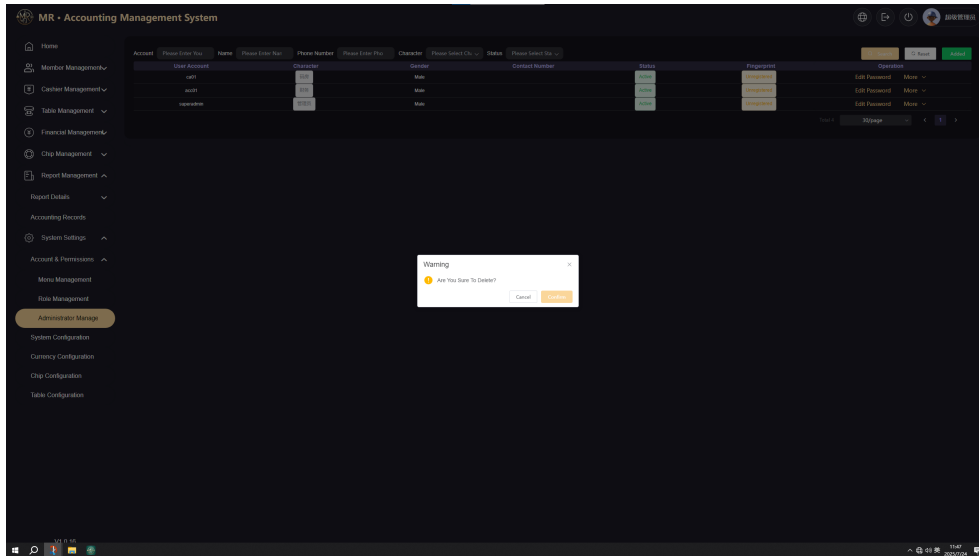
To edit an administrator :

1. Click “Edit” next to the administrator’s name.
2. Update the relevant information in the edit window.
3. Click “Confirm” to save changes.



To delete an administrator :

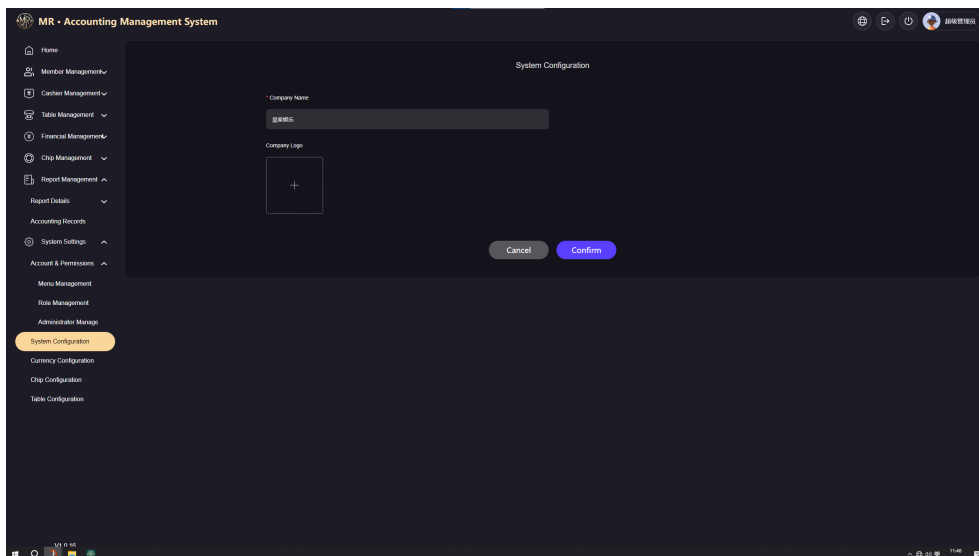
1. Click “More” next to the administrator and select “Delete”.
2. Confirm the deletion in the popup window.
3. Click “Confirm Delete” to proceed.



3.8.2 System Configuration

Overview: This setting allows configuration of the company name and logo.

The company name affects the title on receipts. The logo appears in the system and on printed receipts.



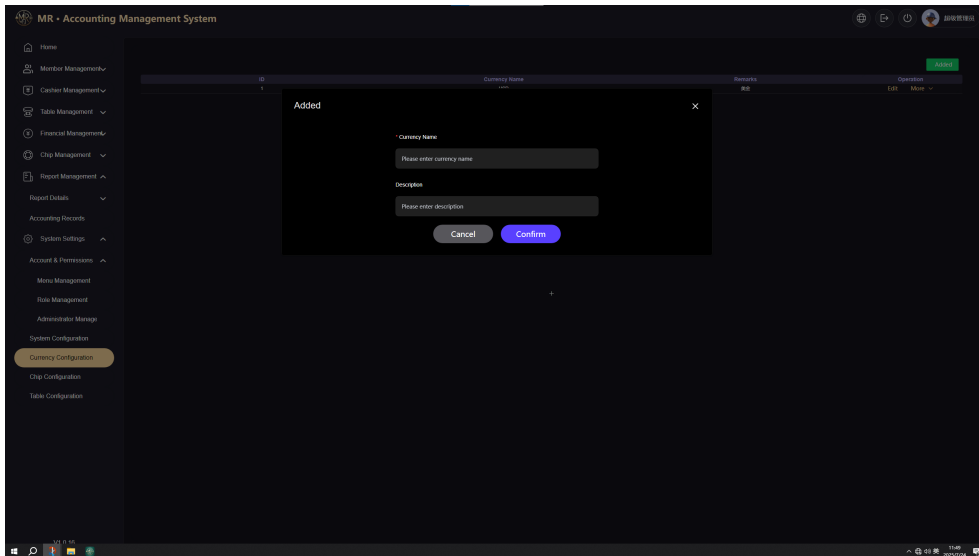
3.8.3 Currency Configuration

Overview: Allows for the addition and management of supported currency types.

To add a new currency:

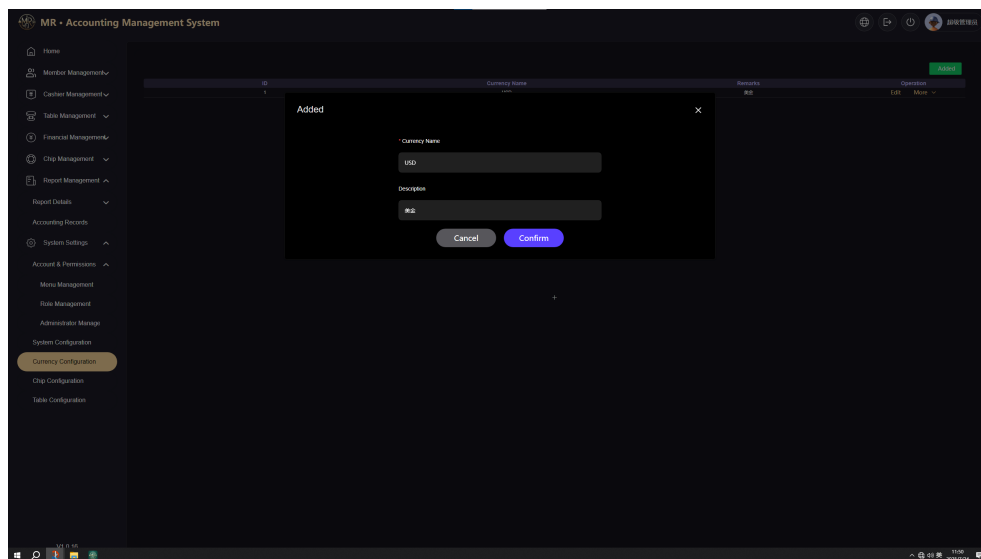
1. Click “Add” in the top-right corner.
2. Enter the currency name and description.

3. Click “Confirm” to complete creation



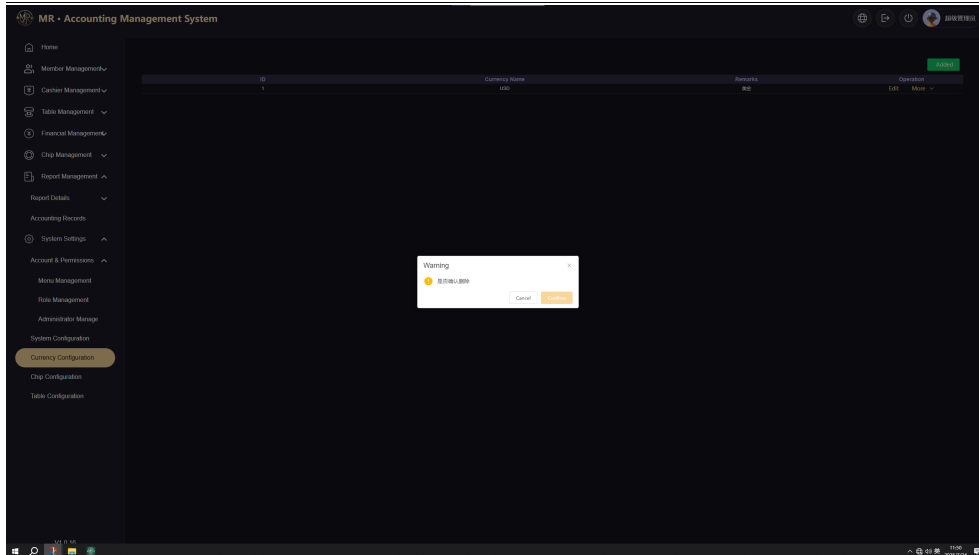
To edit a currency:

1. Click “Edit” next to the currency.
2. Modify the details in the edit window.
3. Click “Confirm” to save changes.



To delete a currency:

1. Click “Delete” next to the currency.
2. Confirm deletion in the popup window.
3. Click “Confirm Delete” to remove.



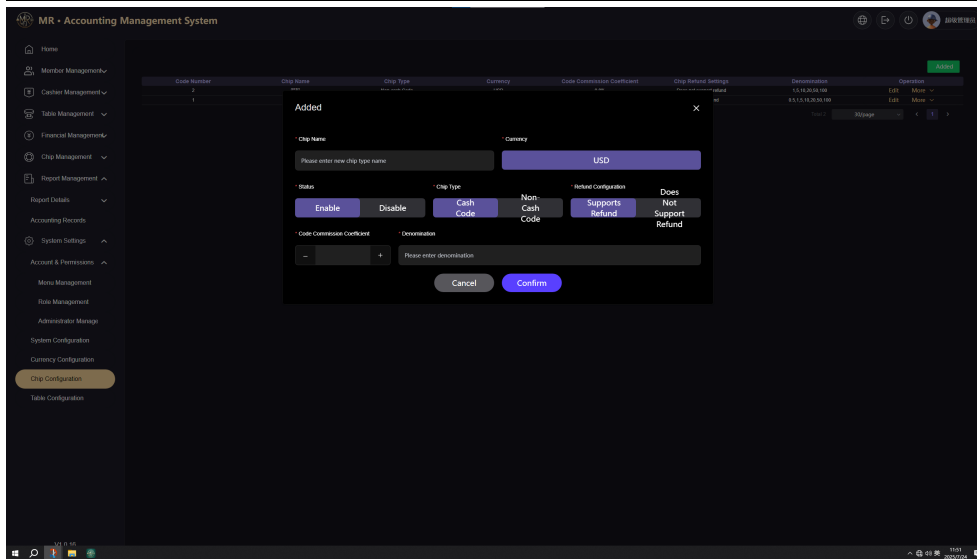
3.8.4 Chip Configuration

Overviews: Manages the settings for all types of chips in the system, including name, currency, status, type, denomination, and commission coefficient. It also allows for configuring chip refund rules.

Important Note: If the commission coefficient is set to 0, the chip can be refunded. If a commission coefficient is configured, the chip cannot be refunded.

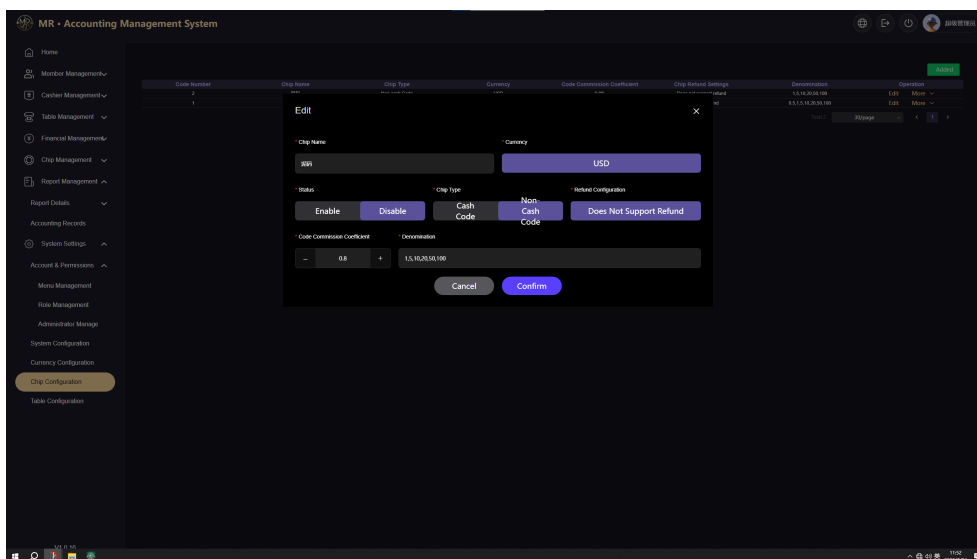
To add a chip:

1. Click “Add” in the top-right corner.
2. Fill in chip name, select currency, status, type, refund settings, commission coefficient, and denomination.
3. Click “Confirm” to complete creation .



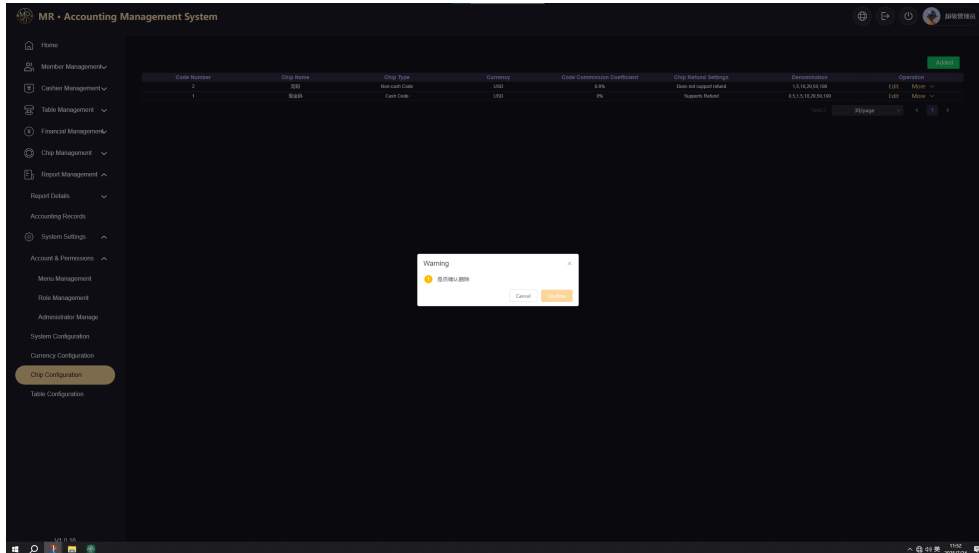
To edit a chip:

1. Click “Edit” next to the chip.
2. Modify the chip’s information.
3. Click “Confirm” to save changes.



To delete a chip:

1. Click “Delete” next to the chip.
2. Confirm deletion in the popup window.
3. Click “Confirm Delete” to remove the chip.

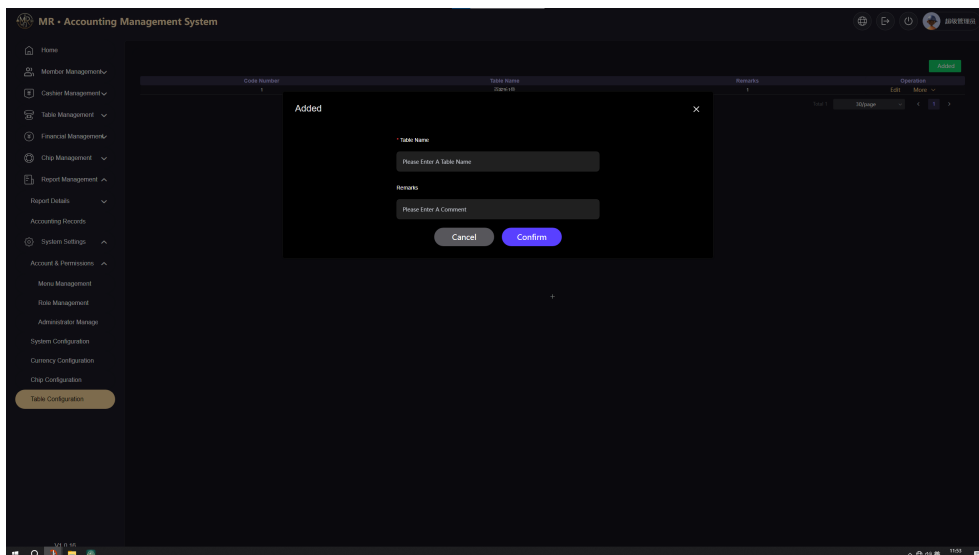


3.8.5 Table Configuration

Overview: Manages all gaming table information in the system, including table names and notes. Administrators can create new tables or edit/delete existing ones.

To add a new table:

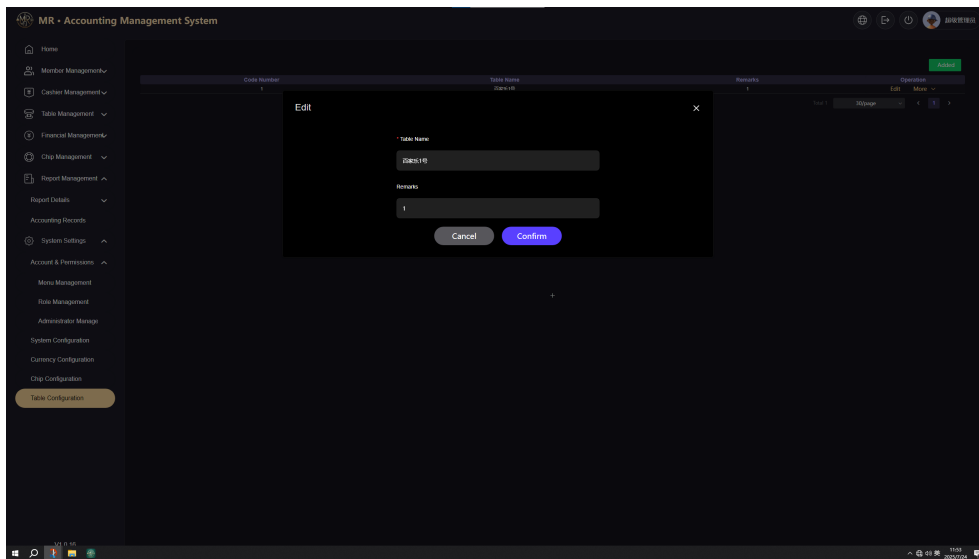
1. Click “Add” in the top-right corner.
2. Enter table name and remarks.
3. Click “Confirm” to finish creation.



To edit a table:

1. Click “Edit” next to the desired table.
2. Modify table details in the edit window.

3. Click “Confirm” to save changes.



To delete a table:

1. Click “Delete” next to the desired table.
2. Confirm the action in the popup window.
3. Click “Confirm Delete” to remove the table.

