

Trailer Repair Manager System User Manual

Version: V1.0

Document Revision History

Version Number	date	Version	unit	Remark
V1.0	2024.11.08	First Edition	Kaitai Technology	

Table of Contents

1. **Inputting Trailer Information**
 - 1.1 Logging into the System Backend
 - 1.2 Inputting Trailer Types
 - 1.3 Inputting Fault Types
 - 1.4 Inputting Cost Types
2. **Quotation Management**
 - 2.1 Quotation List
 - 2.2 Creating a Quotation
3. **Work Confirmation and Launch**
4. **Employee Maintenance Workflow**
 - 4.1 Logging into the Mobile System
 - 4.2 Executing Maintenance Work Orders
5. **Trailer Check In Registration**
6. **Trailer Check Out Acknowledgment**
7. **Report Export**
 - 7.1 Exporting Quotations
 - 7.2 Exporting Work Reports
8. **System Account Management**

1. Inputting Trailer Information

1.1 Logging into the System Backend

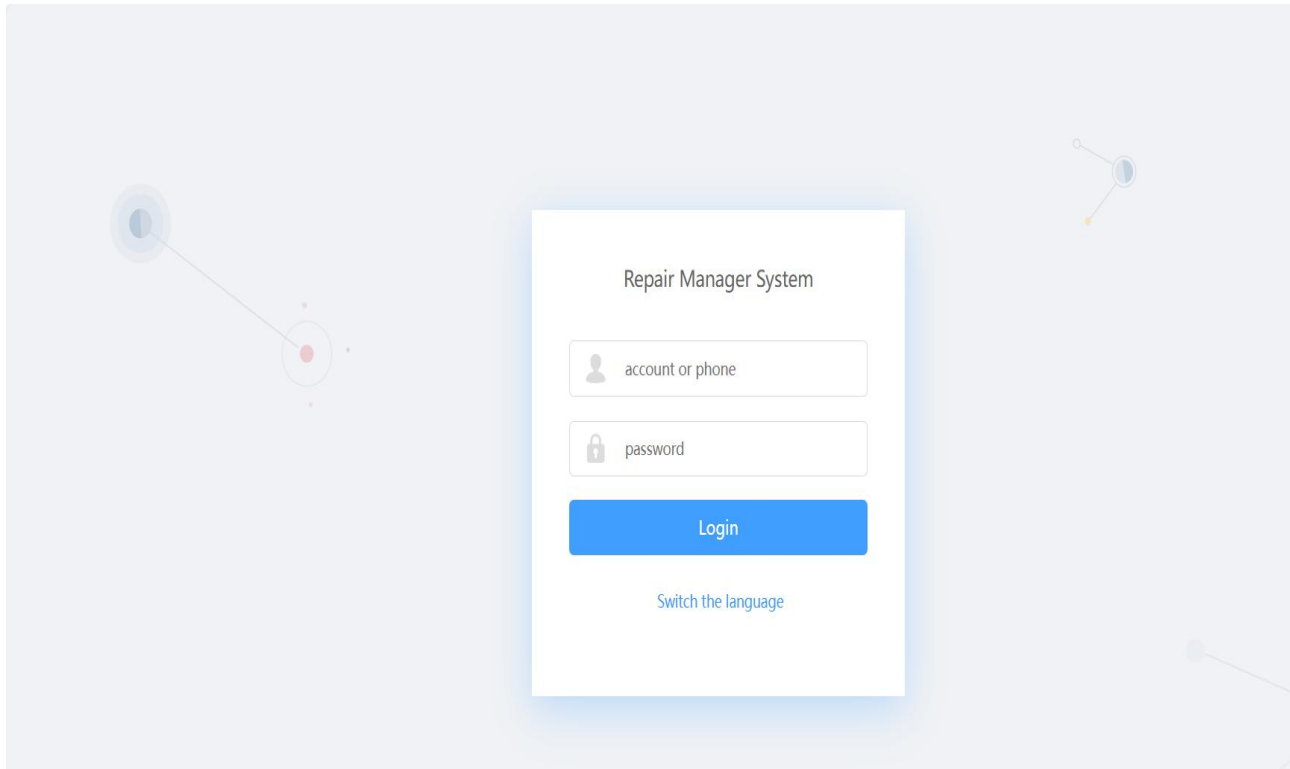
Open a web browser on your computer and navigate to <http://track.pc.renyutec.com/> to access the login page. Use your account credentials to log in.

The system has four levels of accounts:

- Higher-level accounts can create and view lower-level accounts.
- Lower-level accounts cannot view information of higher-level or peer accounts.

Test accounts:

- **Super Administrator Account:** KIND | Password: 123456
- **Senior Administrator Account:** Senior01 | Password: 123456
- **Factory Administrator Account:** FactoryManager01 | Password: 123456
- **Factory Maintenance Technician Account:** 12345678910 | Password: 123456



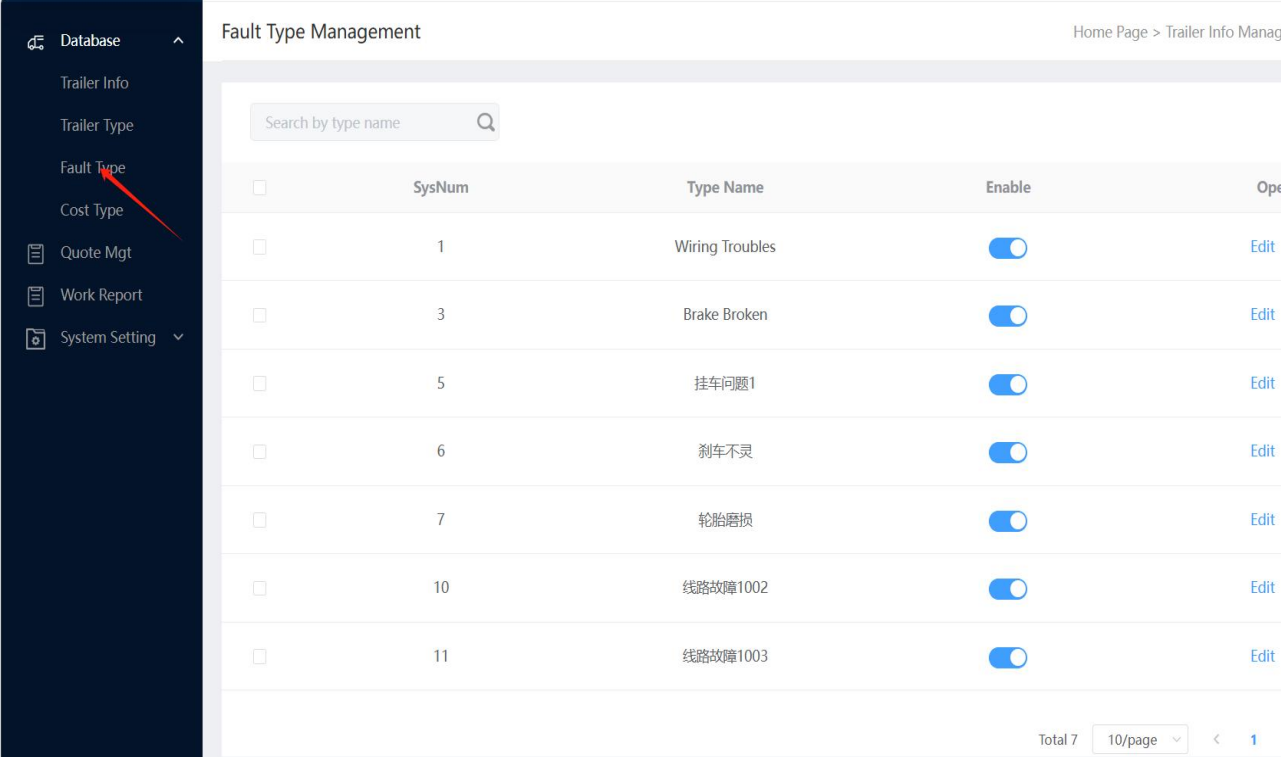
1.2 Inputting Trailer Types

Click "Trailer Type" in the navigation menu, then click "Add Type." Enter the type name and click "Add" to complete the process.

<input type="checkbox"/>	SysNum	Type Name	Enable	Oper
<input type="checkbox"/>	1	Trailer Type 01	<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	3	1313	<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	4	挂车类型1	<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	5	ABC0001	<input checked="" type="checkbox"/>	Edit

1.3 Inputting Fault Types

Click "Fault Type" in the navigation menu, then click "Add Type." Enter the fault type name and click "Add" to save it.



Fault Type Management

Home Page > Trailer Info Manag

Search by type name

<input type="checkbox"/>	SysNum	Type Name	Enable	Op
<input type="checkbox"/>	1	Wiring Troubles	<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	3	Brake Broken	<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	5	挂车问题1	<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	6	刹车不灵	<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	7	轮胎磨损	<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	10	线路故障1002	<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	11	线路故障1003	<input checked="" type="checkbox"/>	Edit

Total 7 10/page < 1

1.4 Inputting Cost Types

Click "Cost Type" in the navigation menu, then click "Add Type." Enter the service name and unit price, then click "Add" to save it.

The screenshot shows the 'Cost Type Management' page in the Tracking System. The left sidebar contains a navigation menu with the following items: Database, Trailer Info, Trailer Type, Fault Type, Cost Type (highlighted with a red arrow), Quote Mgt, Work Report, and System Setting. The main content area features a search bar labeled 'Search by type name' and a table with the following data:

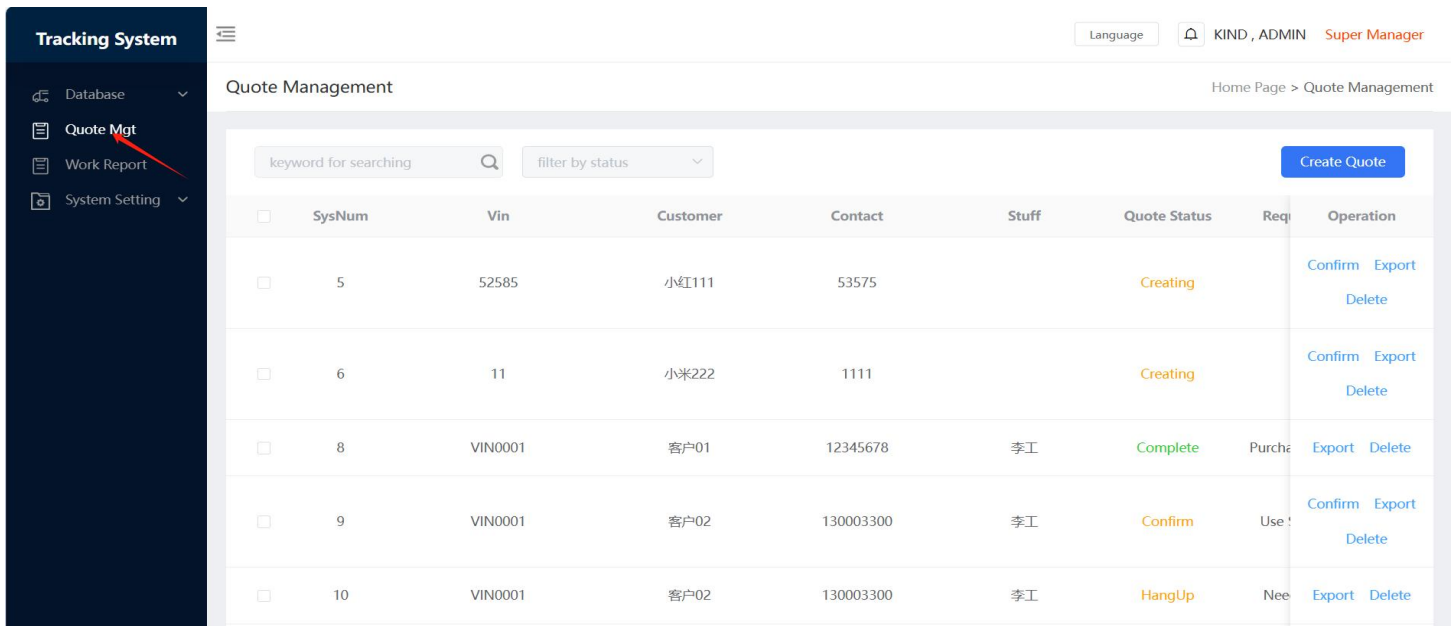
<input type="checkbox"/>	SysNum	Type Name	Unit Price	Enable	Operation
<input type="checkbox"/>	5	Brake Pad	150.22	<input checked="" type="checkbox"/>	Edit Delete
<input type="checkbox"/>	6	Front Window Glass	2150.88	<input checked="" type="checkbox"/>	Edit Delete
<input type="checkbox"/>	7	headlight	350.35	<input checked="" type="checkbox"/>	Edit Delete
<input type="checkbox"/>	8	Michelin Tyre	825.50	<input checked="" type="checkbox"/>	Edit Delete
<input type="checkbox"/>	9	Circuit Component	512.12	<input checked="" type="checkbox"/>	Edit Delete
<input type="checkbox"/>	10	保养清洗	100.00	<input checked="" type="checkbox"/>	Edit Delete
<input type="checkbox"/>	11	轮胎更换	120.00	<input checked="" type="checkbox"/>	Edit Delete

2. Quotation Management

1.1. Quotation List

Click "Quote Mgt" in the navigation menu to view a list of all quotations. The list includes the following details:

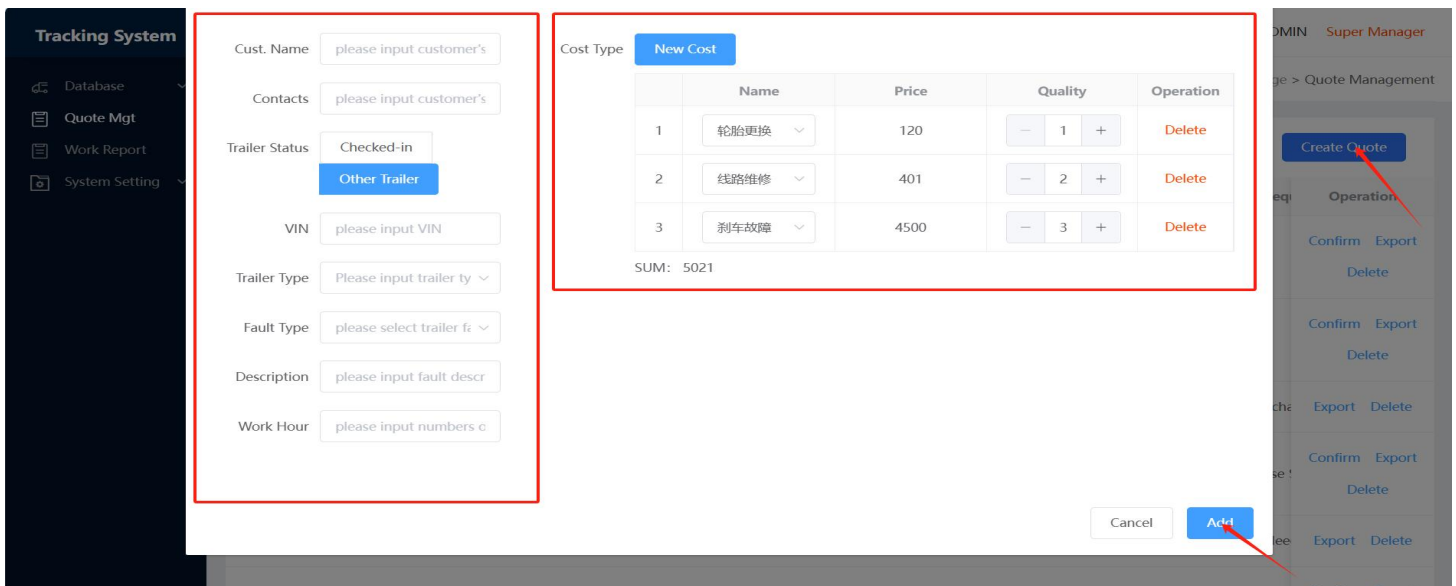
1. Trailer VIN
2. Customer Name
3. Customer Phone Number
4. Employee Name
5. Quotation Status
6. Require Status
7. Create Time
8. Trailer Type
9. Fault Information



Quote Management List

2. Creating a Quotation

Click the "Create Quote" button. Input information such as trailer type, fault type, and service items using the pre-input data in drop-down options. Select quantities for service items to automatically calculate the total price. Click "Add" to create the quotation.



Create a quote

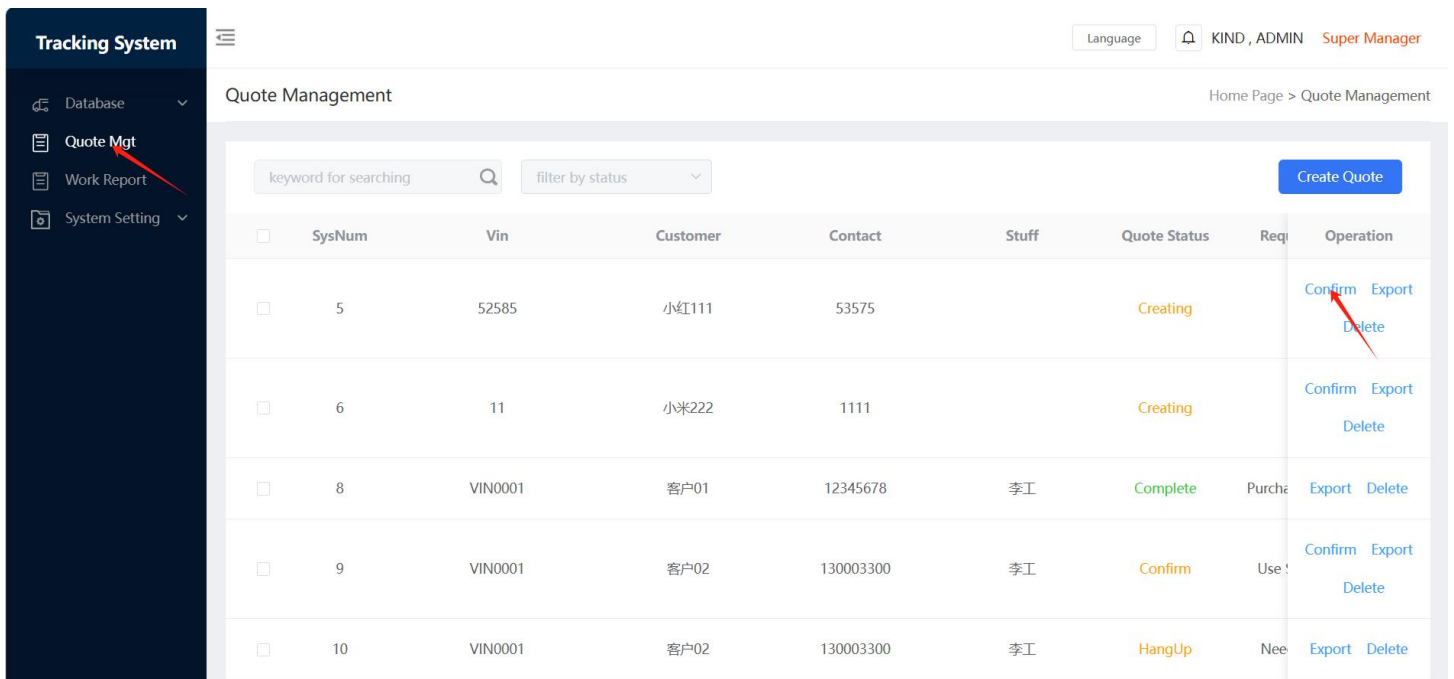
3. Work Confirmation and Launch

Click "Quote Mgt" in the navigation menu to access the quotation list. Locate the job to be confirmed and click "Confirm" on the right side.

In the work confirmation interface:

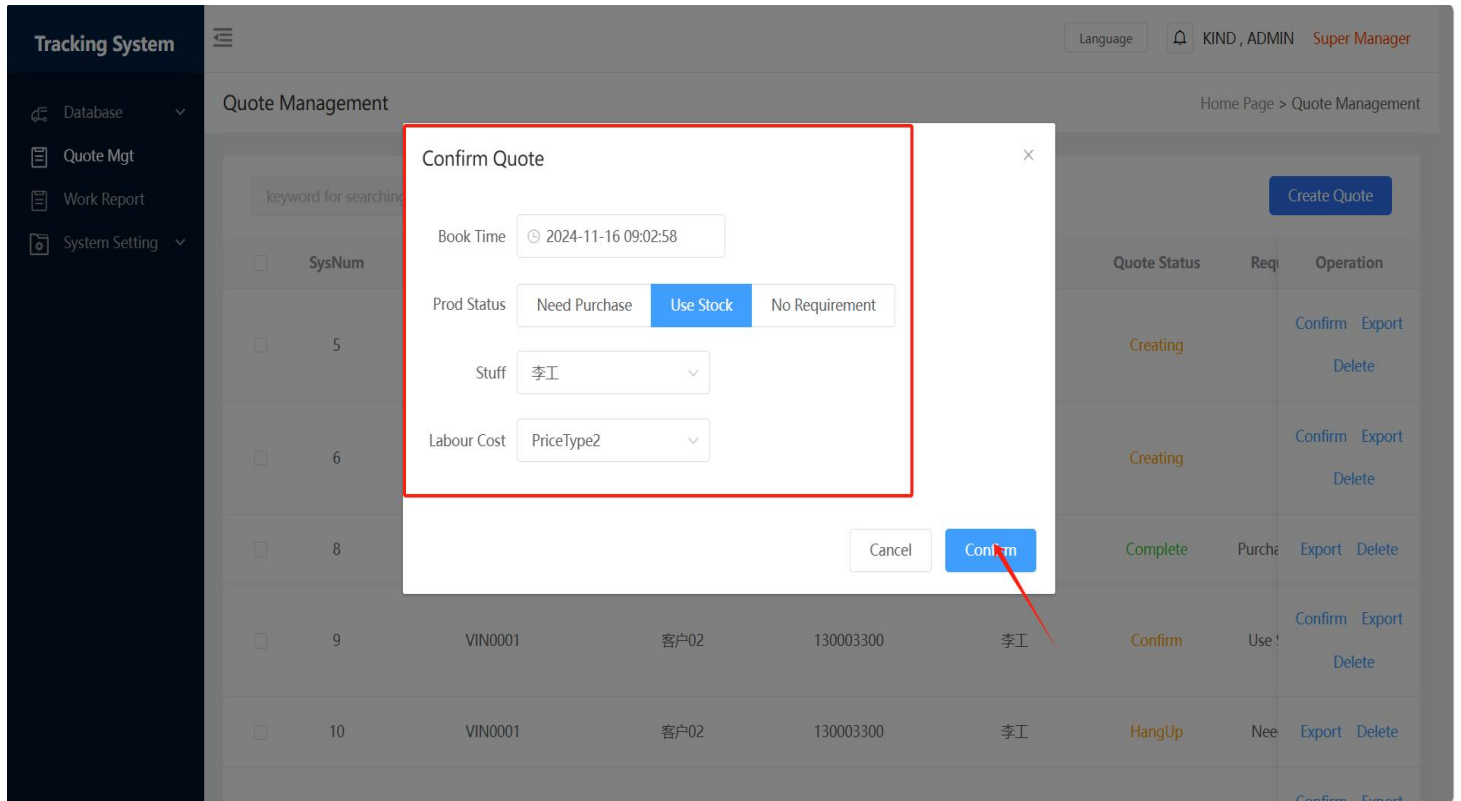
- Choose the appointment date.
- Decide on procurement needs based on available parts (need purchase, use stock, or no requirement).
- Assign the staff for execution.
- Set labor costs.

Click "Confirm" to finalize the process.



The screenshot displays the "Quote Management" interface. On the left is a dark navigation menu with "Quote Mgt" highlighted. The main area features a search bar, a "Create Quote" button, and a table of quotes. A red arrow points to the "Confirm" button in the "Operation" column of the first row.

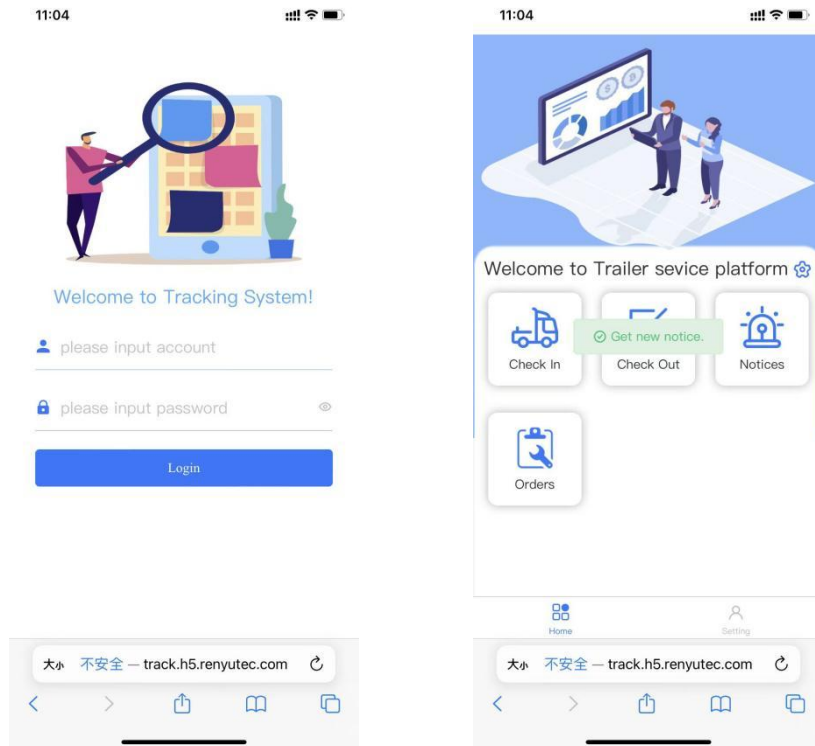
<input type="checkbox"/>	SysNum	Vin	Customer	Contact	Staff	Quote Status	Req	Operation
<input type="checkbox"/>	5	52585	小红111	53575		Creating		Confirm Export Delete
<input type="checkbox"/>	6	11	小米222	1111		Creating		Confirm Export Delete
<input type="checkbox"/>	8	VIN0001	客户01	12345678	李工	Complete	Purch	Export Delete
<input type="checkbox"/>	9	VIN0001	客户02	130003300	李工	Confirm	Use	Confirm Export Delete
<input type="checkbox"/>	10	VIN0001	客户02	130003300	李工	HangUp	Ne	Export Delete



4. Employee Maintenance Workflow

1. Logging into the Mobile System

Open <http://track.h5.renyutec.com/> in a mobile browser. Use your employee account credentials to log in. If a job is assigned to your account, you'll receive a notification.

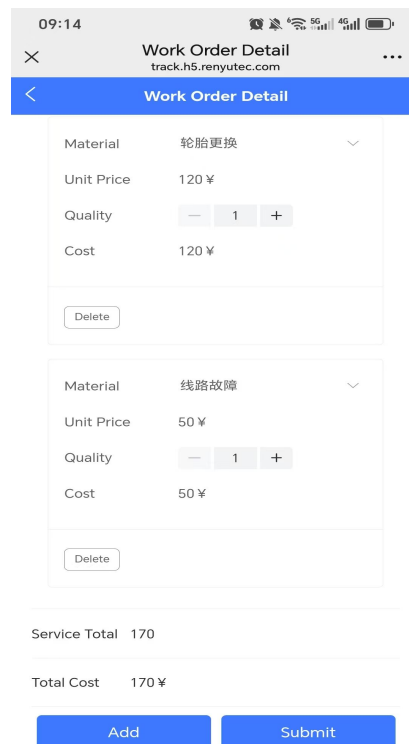
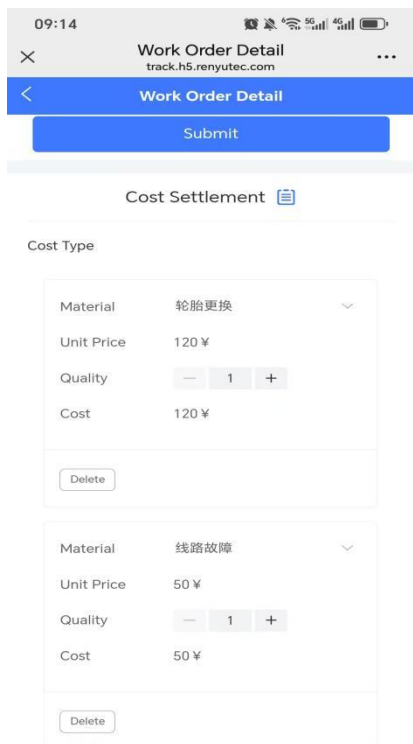
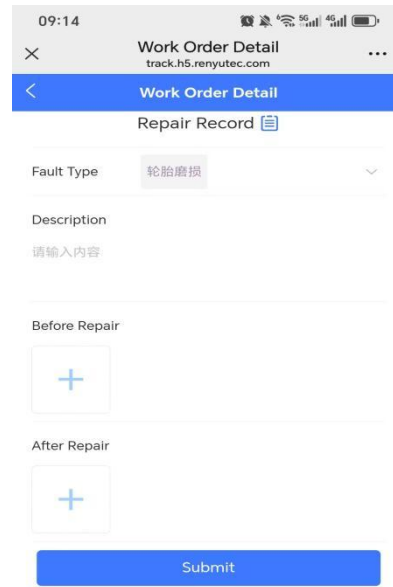


2. Executing Maintenance Work Orders

Click the "Orders" option to view work order details. Based on the status of parts, update procurement status to either "Hang Up" or "Finish"

- Input maintenance descriptions.
- Upload before-and-after images of the repair.
- Adjust Cost types and quantities.

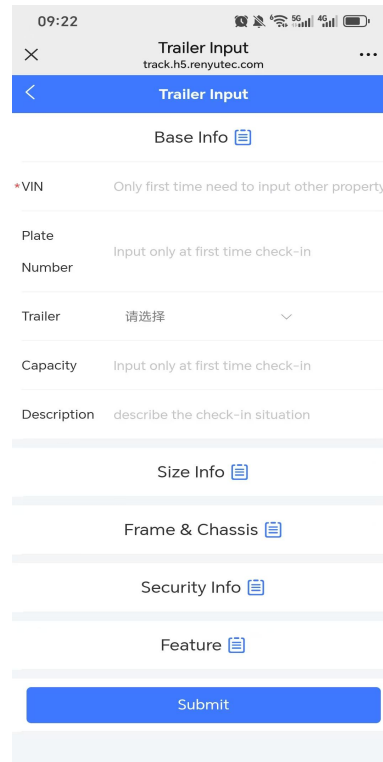
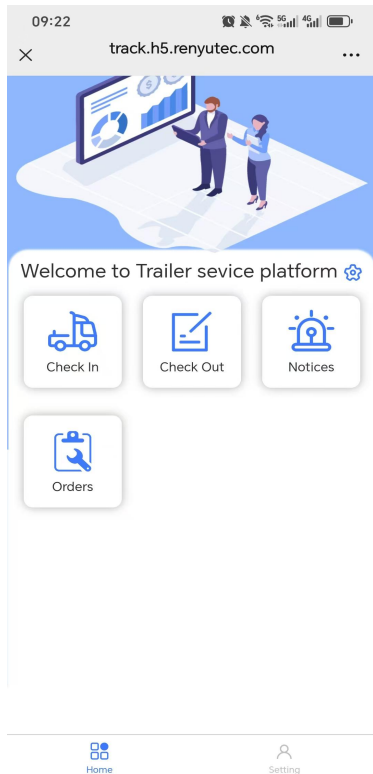
Click "Submit" to complete the order.



5. Trailer Check In Registration

On the mobile homepage, click "Check In" to register trailer information. Enter details such as:

- VIN
- License Plate Number
- Capacity
- Description
- Dimensions and Volume
- Chassis and Frame
- Security Information
- Vehicle Characteristics



The entered information can be reviewed in the "Trailer Information Management" section of the backend system.

Tracking System

Language KIND, ADMIN Super Manager

- Database
- Trailer Info
- Trailer Type
- Fault Type
- Cost Type
- Quote Mgt
- Work Report
- System Setting

Trailer Info Management

Home Page > Trailer Info Management > Trailer Info List

Q
+ Add Trailer

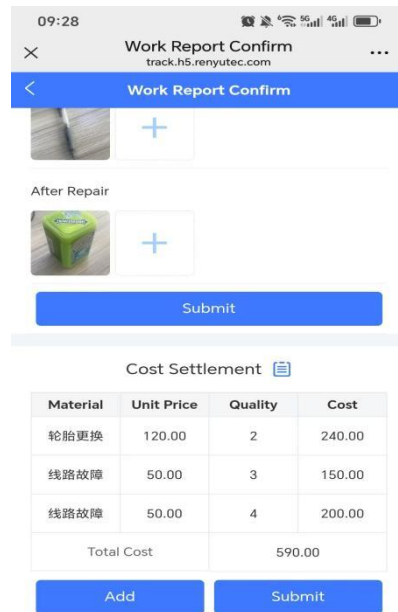
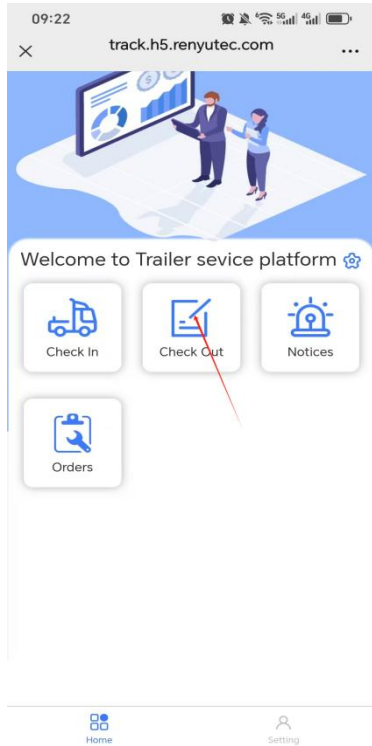
	SysNum	VIN	PlateNumber	Check-In Date	Type	Capacity	Operation
<input type="checkbox"/>	17	das123123			1313	15	Detail Edit Delete
<input type="checkbox"/>	15	1233355	1231	2024-11-01 16:33:06 2024-11-01 16:35:49 2024-11-01 16:37:14	ABC001		Detail Edit Delete
<input type="checkbox"/>	13	FMInput01	FMInput01		ABC001	12	Detail Edit Delete
<input type="checkbox"/>	14	FMInput012	FMInput01		ABC001	12	Detail Edit Delete
<input type="checkbox"/>	12	STUFFIN PUT002	STUFFINPUT002		ABC001	11	Detail Edit Delete
<input type="checkbox"/>	11	STUFFInput02	STUFFInput02		挂车类型1	111	Detail Edit Delete

6. Trailer Check Out Acknowledgment

On the mobile homepage, click "Check out" to generate an exit acknowledgment report. The report includes:

- Basic work order information
- Maintenance records
- Cost settlement details

At the bottom, customers can sign to confirm receipt.



7. Report Export

1. Exporting Quotations

In the backend, click "Quote Mgt" in the navigation menu. Navigate to the quotation list, and click the "Export" option on the right side to download the quotation as a Word document.

The screenshot shows the 'Quote Management' interface. On the left, a dark sidebar contains navigation items: 'Database', 'Quote Mgt' (highlighted with a red arrow), 'Work Report', and 'System Setting'. The main content area has a header with 'Quote Management' and a breadcrumb 'Home Page > Quote Management'. Below the header is a search bar with 'keyword for searching' and a 'filter by status' dropdown. A 'Create Quote' button is in the top right. The main area contains a table with the following data:

<input type="checkbox"/>	SysNum	Vin	Customer	Contact	Stuff	Quote Status	Req	Operation
<input type="checkbox"/>	5	52585	小红111	53575		Creating		Confirm Export Delete
<input type="checkbox"/>	6	11	小米222	1111		Creating		Confirm Export Delete
<input type="checkbox"/>	8	VIN0001	客户01	12345678	李工	Complete	Purcha	Export Delete
<input type="checkbox"/>	9	VIN0001	客户02	130003300	李工	Confirm	Use :	Confirm Export Delete
<input type="checkbox"/>	10	VIN0001	客户02	130003300	李工	HangUp	Neer	Export Delete

Tracking System Quote

Base Info

Customer	李小明
Order Number	20241108103018787
Contacts	1366666666
VIN	345345
Trailer Type	挂车类型 1
Stuff Name	李工
Situation Description	刹车不灵
Repair Record	更换刹车片
Repair Status	Complete

Cost List

Cost Type	Unit Price	Quantity	Cost
轮胎更换	120.00	2	240.00
线路故障	50.00	3	150.00
线路故障	50.00	4	200.00

SUM Cost : 590.00

7.2 Exporting Work Reports

After completing a maintenance work order, the system generates a work report.

In the backend, click "Work Report" in the navigation menu. Navigate to the work report list and click "Export" on the right side to download the report as a Word document.

Note: The export format for work reports and quotations is currently identical.

Tracking System

Work Report Management

Home Page > Work Report Management

keyword for searching

	SysNum	Vin	Customer	Contact	Staff	Price	Operation
<input type="checkbox"/>	20241018105807558	VIN0001	客户01	12345678	李工	250.00	Export
<input type="checkbox"/>	20241101153650763	FMInput012	测试客户01	01010101	Stuff00221	2167.50	Export
<input type="checkbox"/>	20241108103018787	345345	李小明	1366666666	李工	590.00	Export

Total 3 10/page < 1 > Go to 1

8. System Account Management

In the backend, click "System Settings" in the navigation menu to view a list of all accounts under the current account.

To create a new administrator account:

- Click "Add Manager" on the right side.
- Enter the administrator's username, password, full name, phone number, and company.
- Select the account role.

Tracking System

Accounts Manager

Home Page > Accounts Manager

please input keyword to search filter by select a role

+ Add Manager Delete

	Account	Phone	Name	Company	Role	Status	Operation
<input type="checkbox"/>	KIND	1234567891	ADMIN	null	Super Manager	Enable	Edit Disable Delete
<input type="checkbox"/>	Stuff01	12345678910	Stuff01	12	Factory Stuff	Enable	Edit Disable Delete
<input type="checkbox"/>	Senior01	123456789	Senior01	1	Senior Manager	Enable	Edit Disable Delete
<input type="checkbox"/>	MANAGER01	123456789111	MANAGER01	Company1	Senior Manager	Enable	Edit Disable Delete
<input type="checkbox"/>	Stuff0101	888666888	李工	维修厂1	Factory Stuff	Enable	Edit Disable Delete