

Contract Management System

Draft Contract

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1. Introduction

User in operator role has the right to draft contract. Drafting can be made after operator logs on system.

Write content of information named contract name, start time, end time, content(required) and customer on drafting page.

After drafting is successfully made, the status of contract turns to Draft, which is the sign for the administrator to distribute.

2. Input

Write following data on page.

Contract name, start time, end time, content(required), customer and so on.

3. Processing

- (1) The verification data is required. The format of Start time and End time should satisfy the requirement. If the content is not completed or the date format is wrong, prompting message shall be given.
- (2) **Save contract data in t_contract, and save its status data in t_contract_state at the same time. The status is Draft.** Return contract drafting page to inform the user. Keep the previous drafting contract data in table.

4. Output

- (1) **Drafting succeeded**

Prompt user of the message “Drafting Succeeded!” on page.

- (2) **Drafting failed**

- 1) Prompt user of the message “Contract data is required. Incorrect date format.”
- 2) Prompt user of the message “Drafting failure!”
- (3) If system error occurs, jump to exception page.

When drafting contract, you need to save contract data titled **contract name, start time, end time, content, customer, contract number, drafter and drafting status**.

Information such as **contract name, start time, end time, content and customer** is to be entered in drafting page by the user.

Information such as **drafter, drafting status and contract number** is set by the system.

Contract number is unique. The generation rule is **year month date hour minute second+ a random number of 5 bits**.

Basic contract data is saved in `t_contract`, while contract status data is saved in `t_contract_state`.

You need to get primary key id of newly added contract, so as to save status data of the contract effectively.

During the process of contract drafting, users are allowed to upload accessories.

Iterative development on the basis of [System Management](#).

Firstly, create contract drafting page and write code for visiting.
Then, write codes for all the layer to implement drafting function.

Step 1, create and visit contract drafting page.

Step 2, code data access layer.

Step 3, process the business logic of Draft Contract.

Step 4, implement contract drafting.

Step 5, system verification.

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Thanks

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