Quality control system introduction

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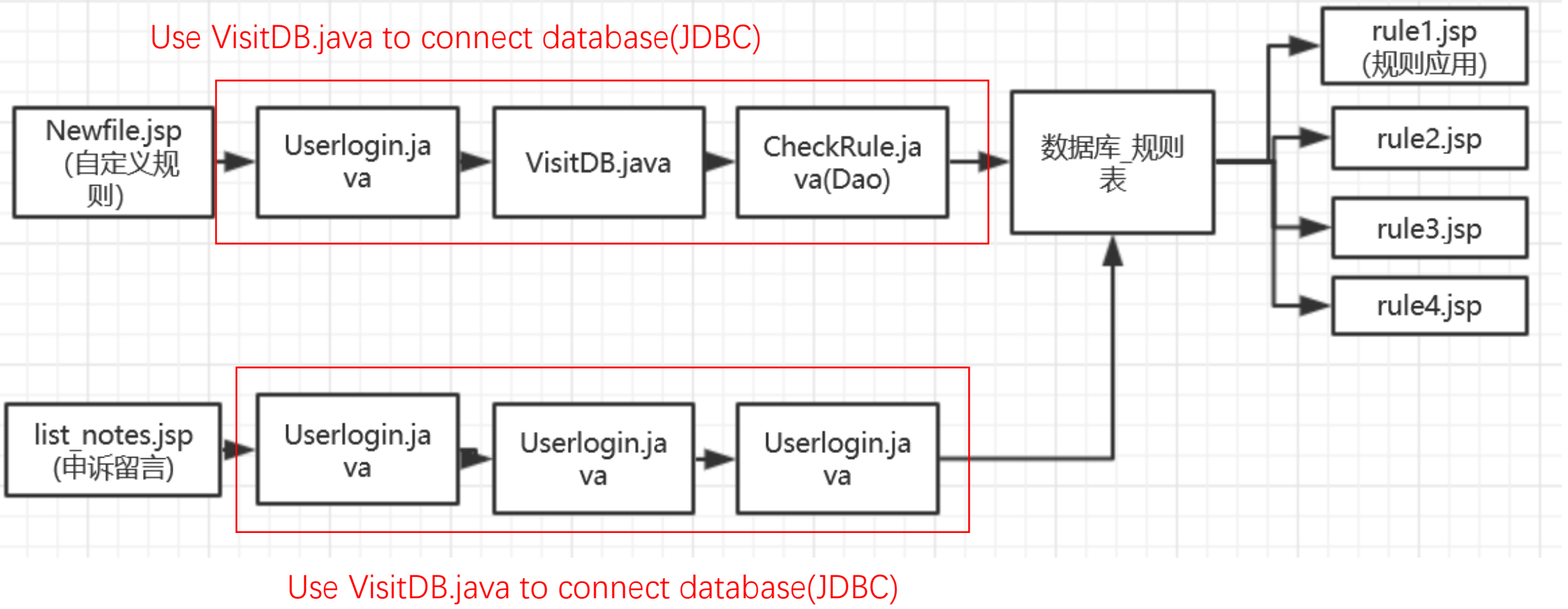
Tasks:

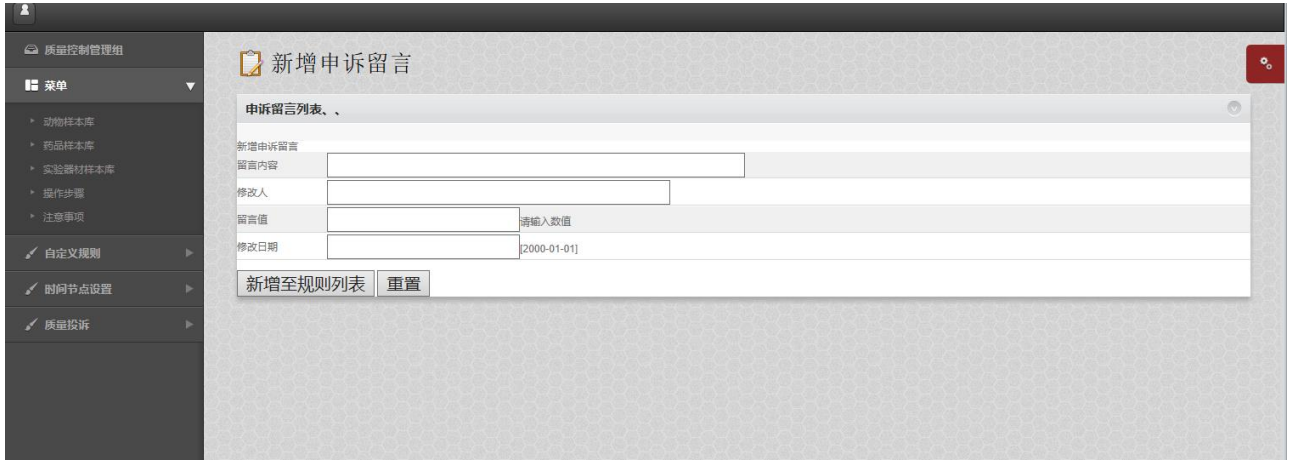
- 1. Users Review Function
- 2. Rule Customized Fuction(add, delete, undate,inquary)
- 3. Bootstrap front frame building
- 3. Final Integration of the whole team

Part 1 implementation ideas

最初设计（后改用最新设计）

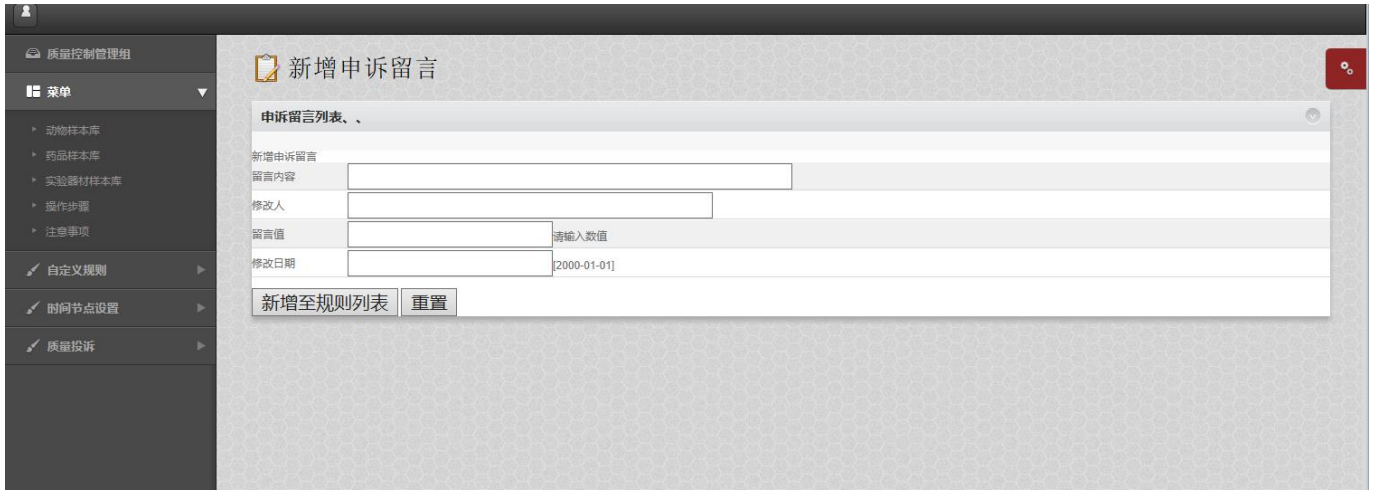


Original design （abandoned later）



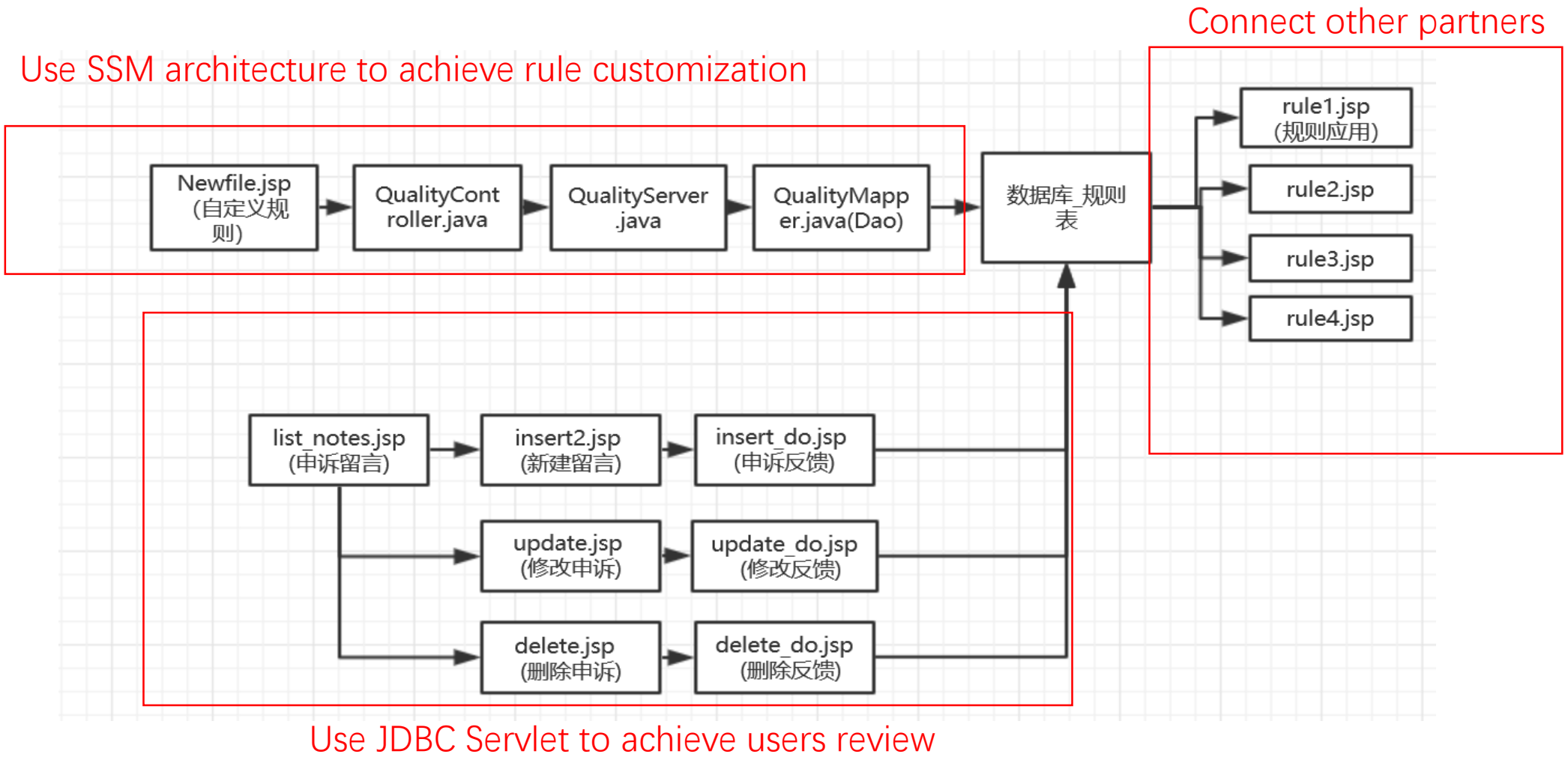
Effects and problems of original design

- 1. Database connection conflicts.
  - In the final integration, my partners use SSM structures, and set database connection in jdbc.properties, but I set connections in java.
- Synchronous problem
  - I had to call database from my partners, and that means Ihe synchronous database creation would met problems.



Improvement Idea: use SSM framework to realize database addition and deletion.

New version design

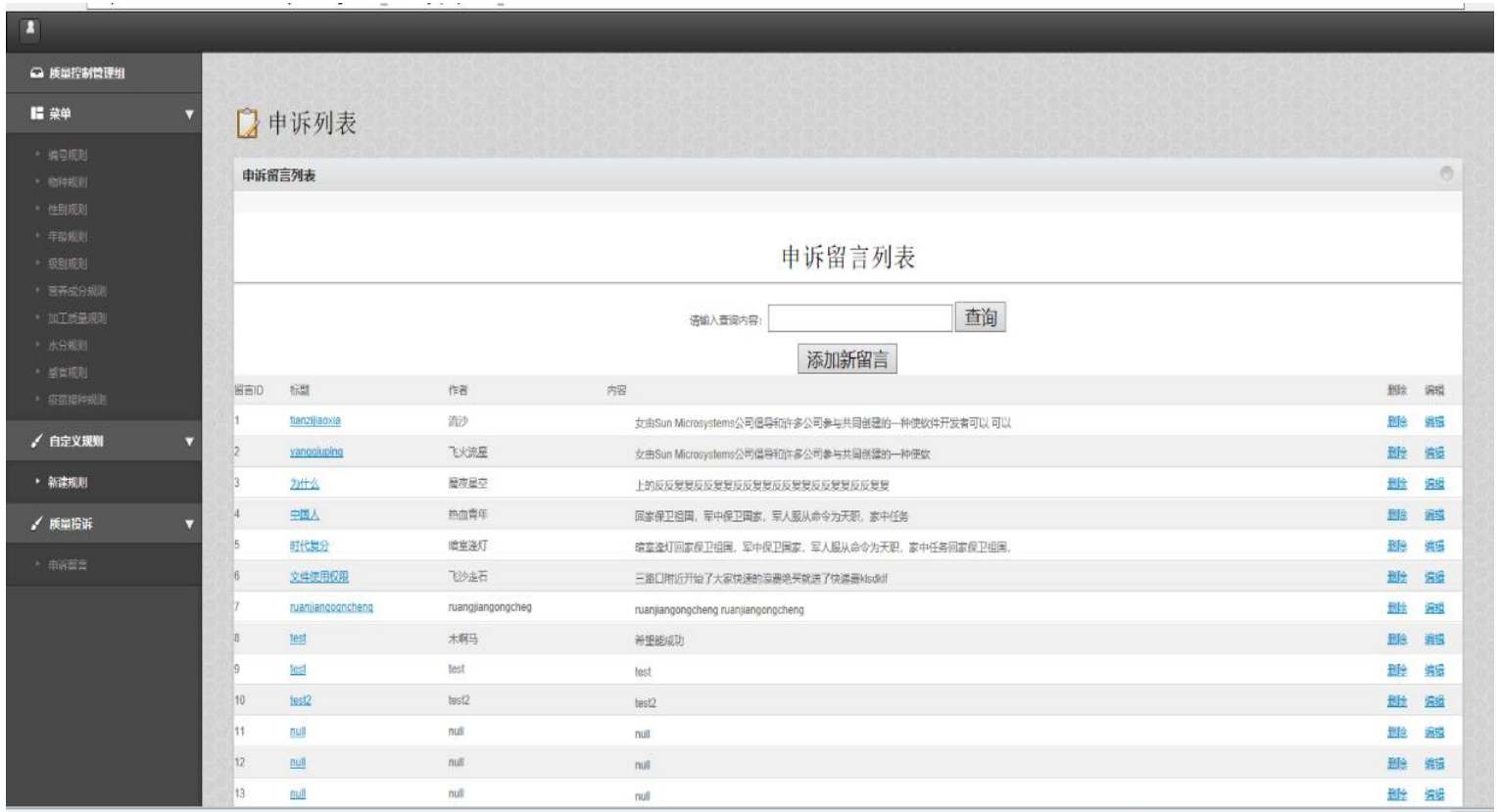


Part 2 demo-introduction of ‘User Review’ part

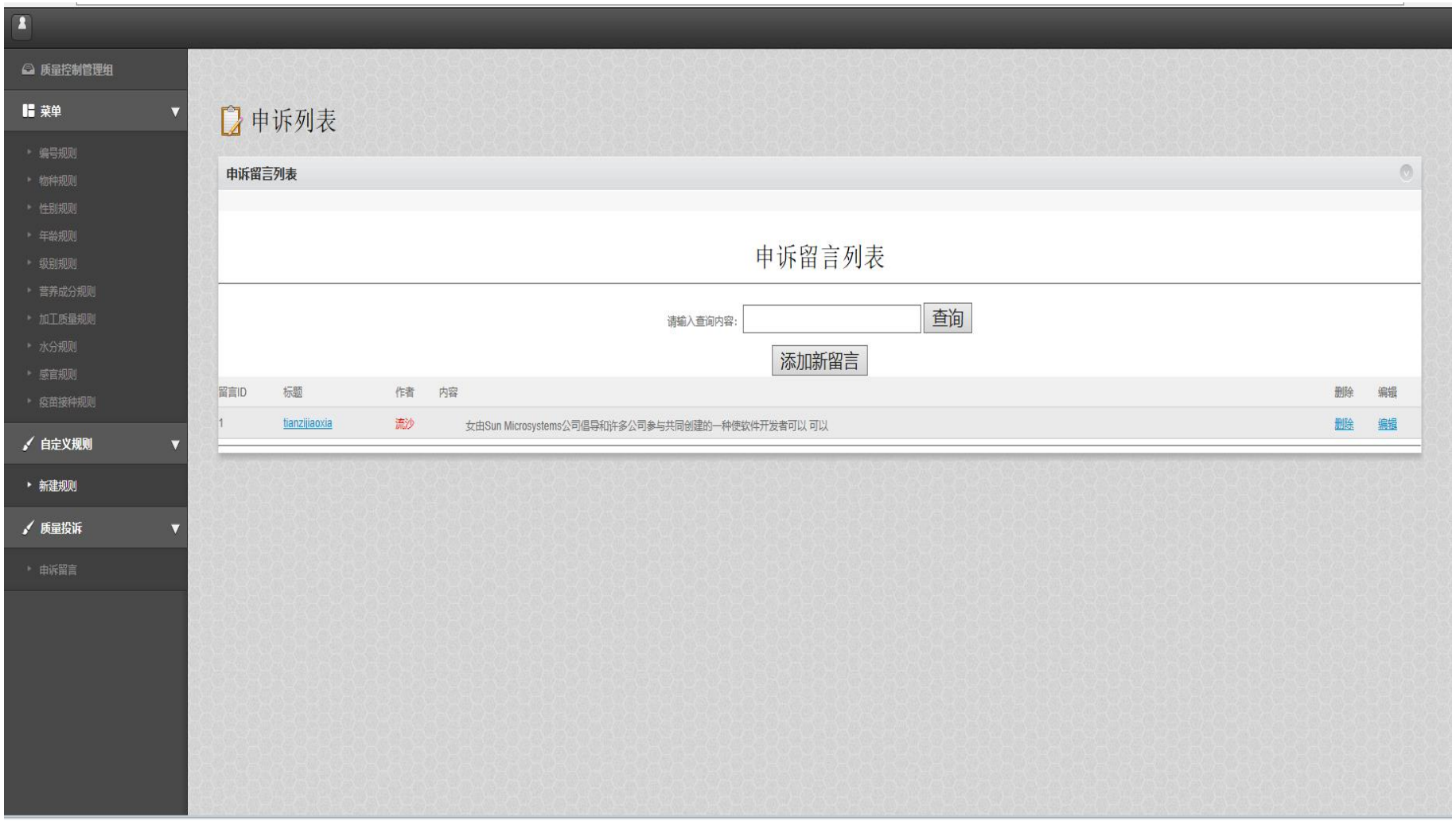
Users Review

Implementation ideas:

- Define the database operation statement as a String in the jsp file, and execute it by PrepareStatement method.
- Use while loop getString() to fetch each field and print them in tabular format.



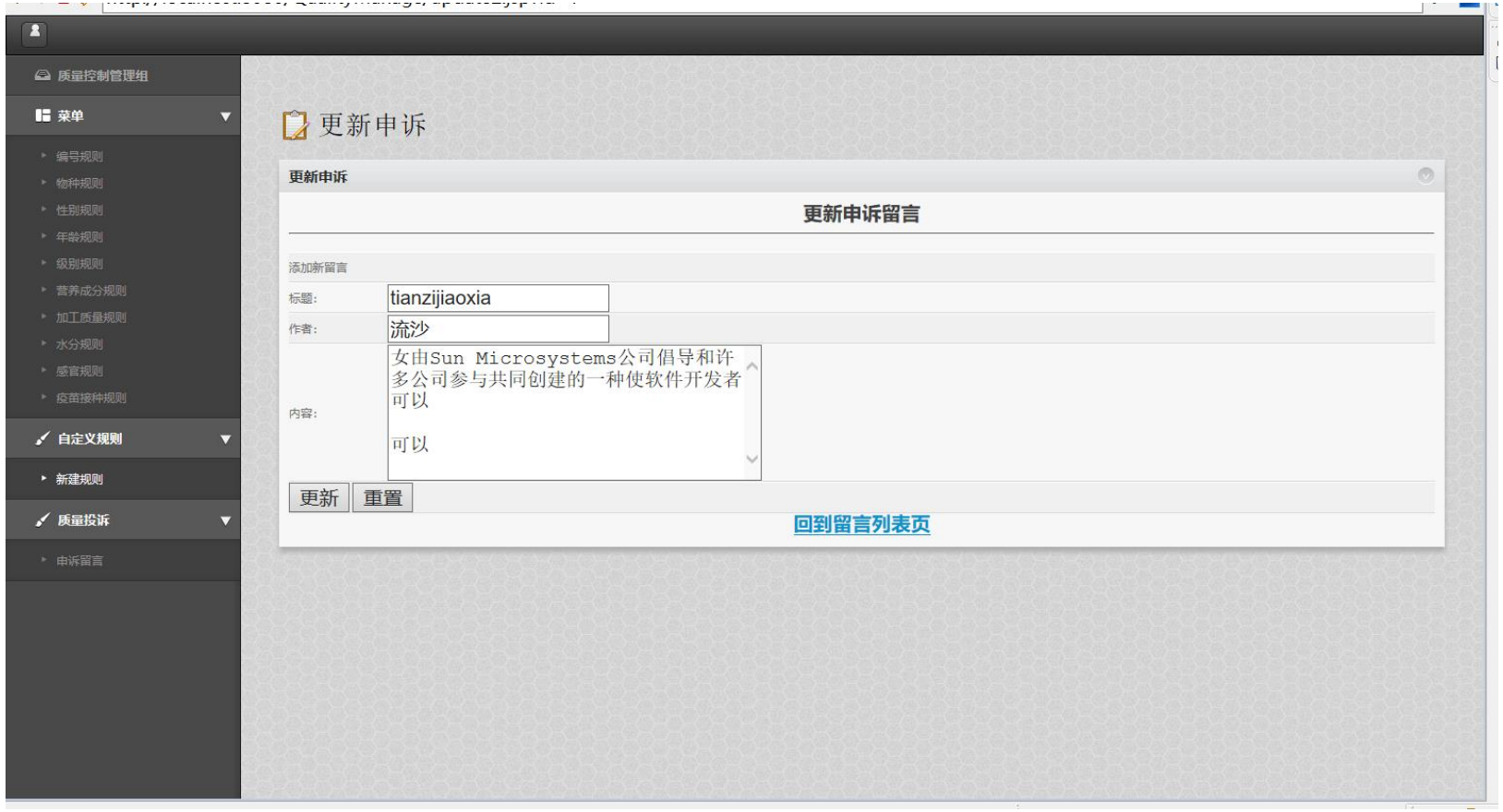
Users Review——inquiry the review



Users Review———add the review

Users Review——delete reviews

Users Review——update reviews



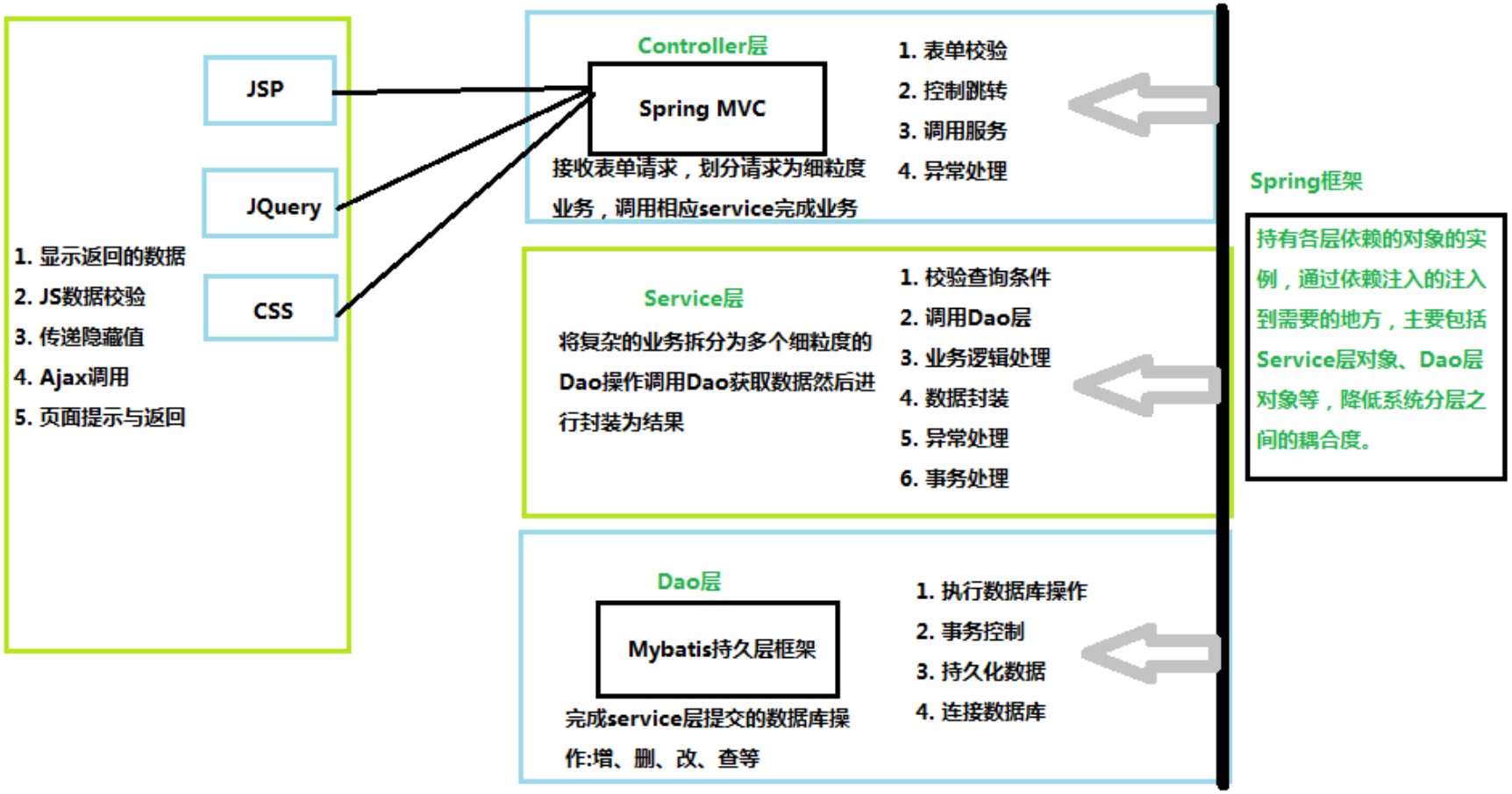
Technical point design for complaints

The Java class only has the database connection class of the Dao layer and the solitary database operation java class, which does not involve mapping at all. There is no SSM architecture. I have encountered the problem of mapping duplicate names when integrating SSM. This makes the integration work very difficult, but the Servlet is not involved in the integration. It is very simple.

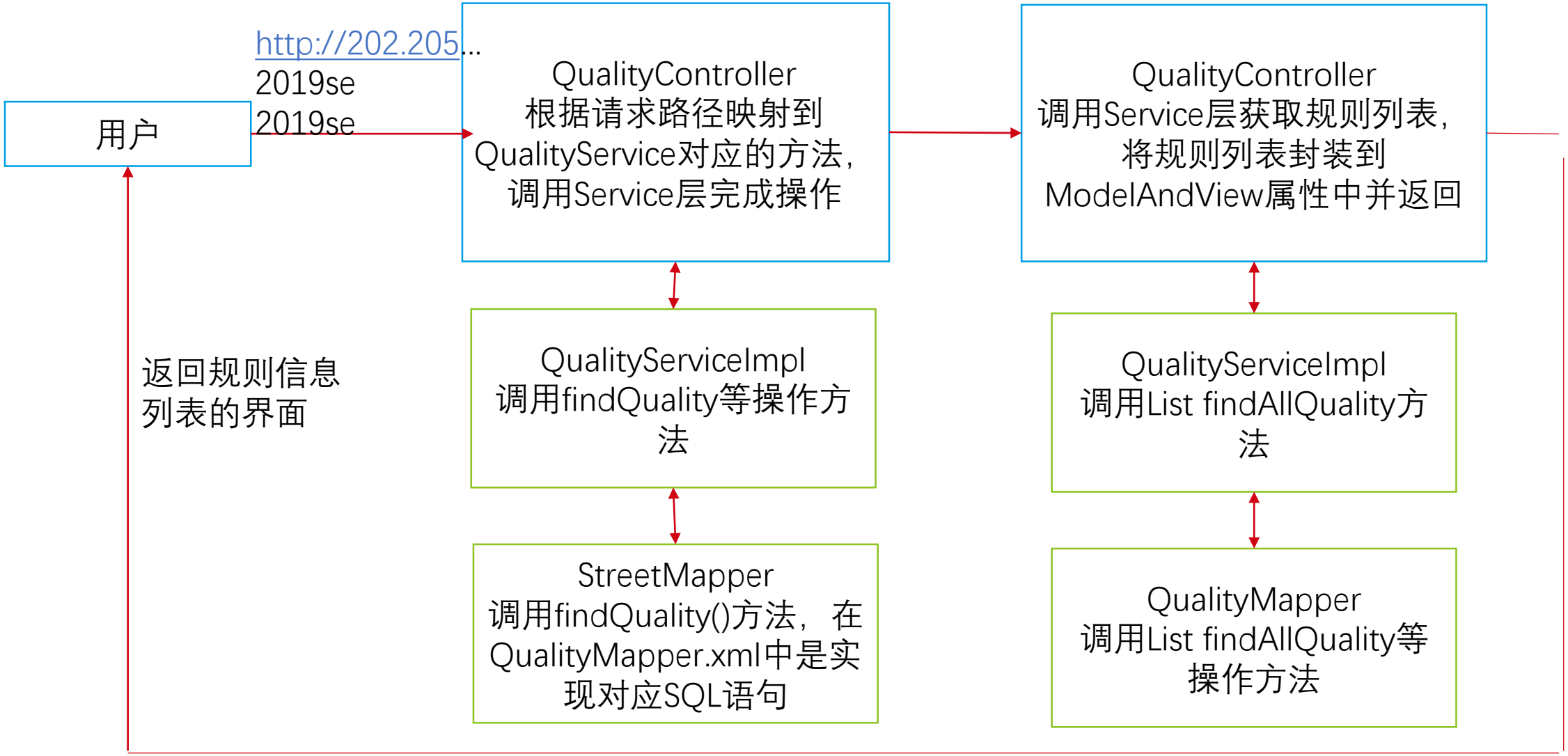
Because the complaint message module here is relatively independent, so I do not use java files here, rather I use sevlet directly to connect, database operations are also done in jsp, directly copy can be synthesized when merging.

Part 3 demo-introduction of ‘Rule customization’ part

SSM framework

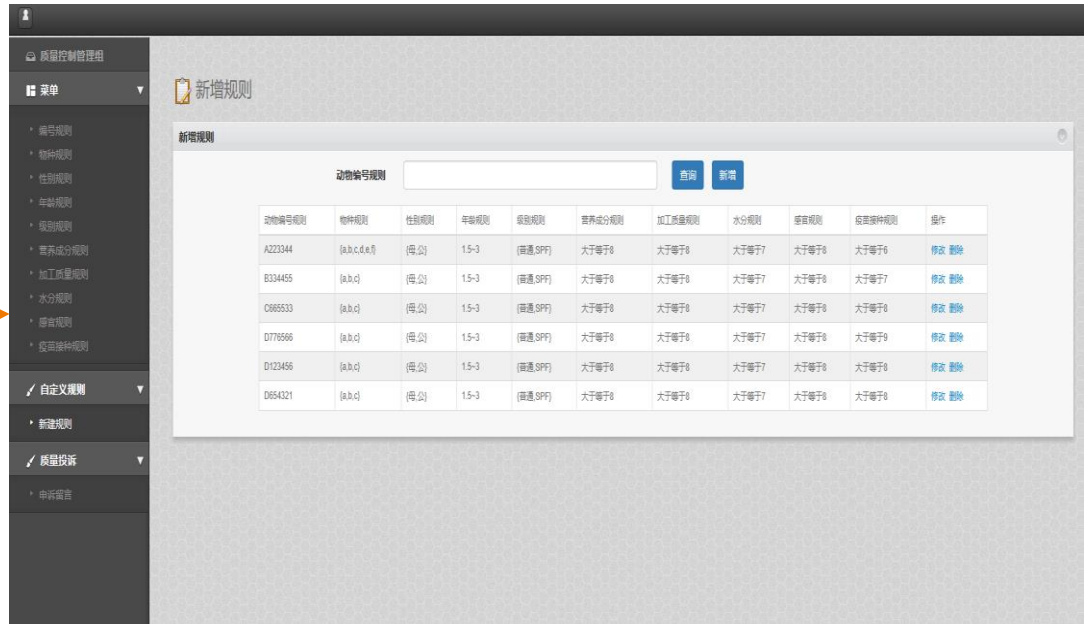


SSM Design Ideas



Process of modification

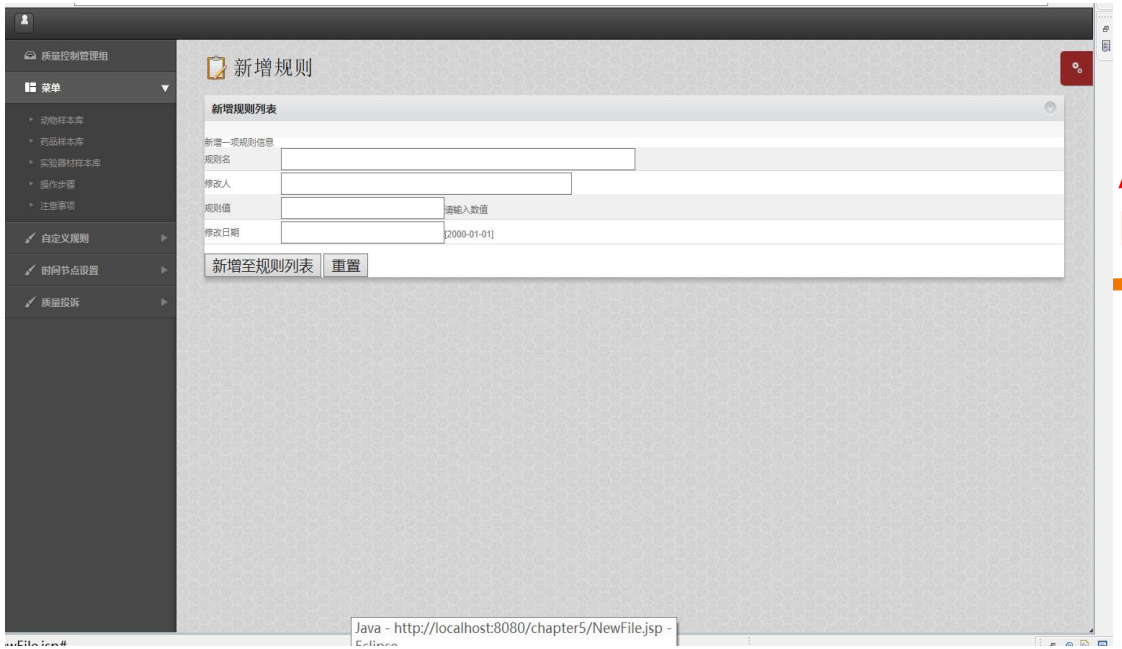
After modification



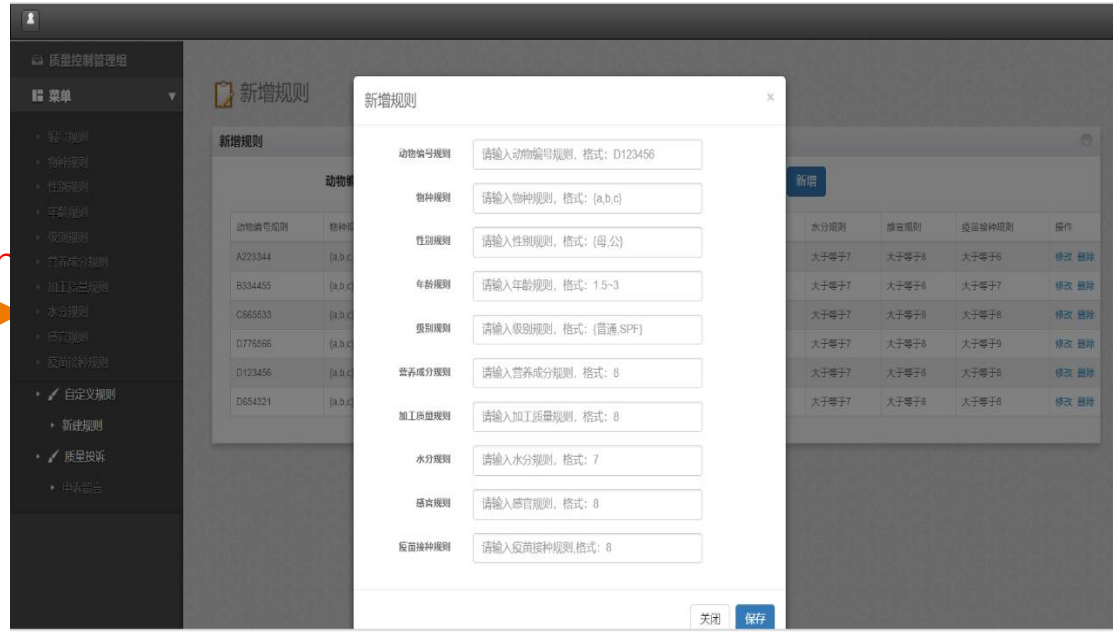
Abandoned vertion, not compatible with SSM

New version, perfect compatible with SSM

Process of modification



After Modification



Thanks for reading