



Quality control system introduction

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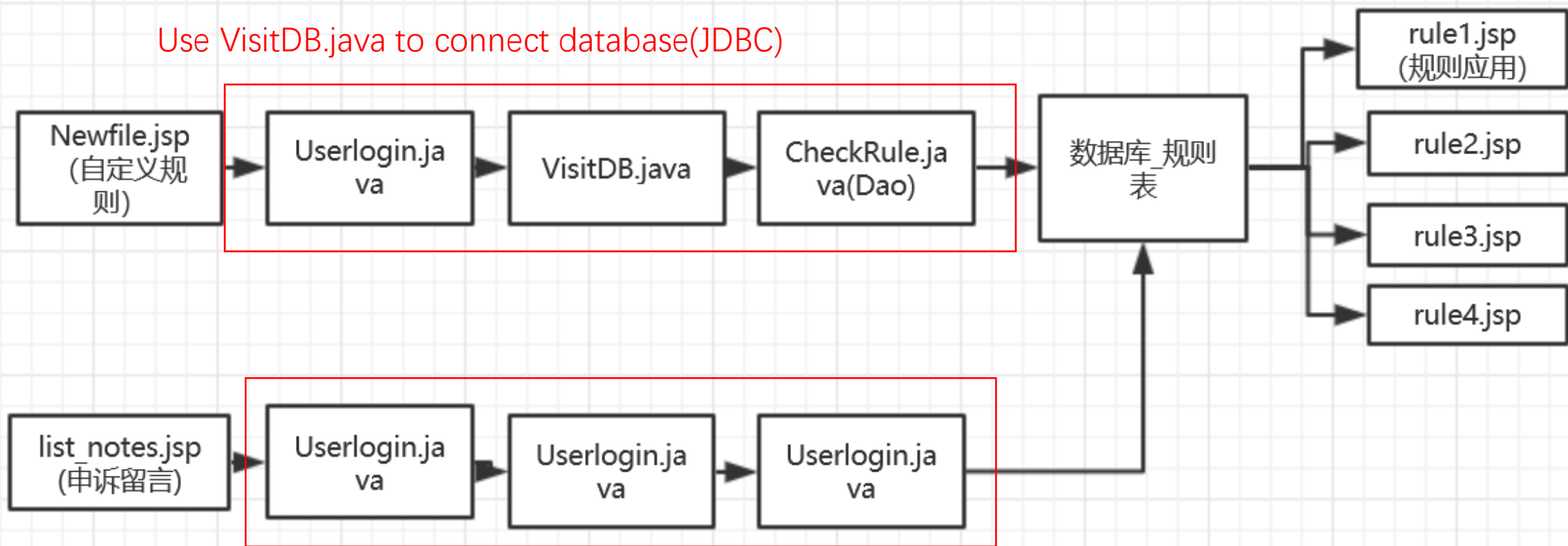
Tasks:

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



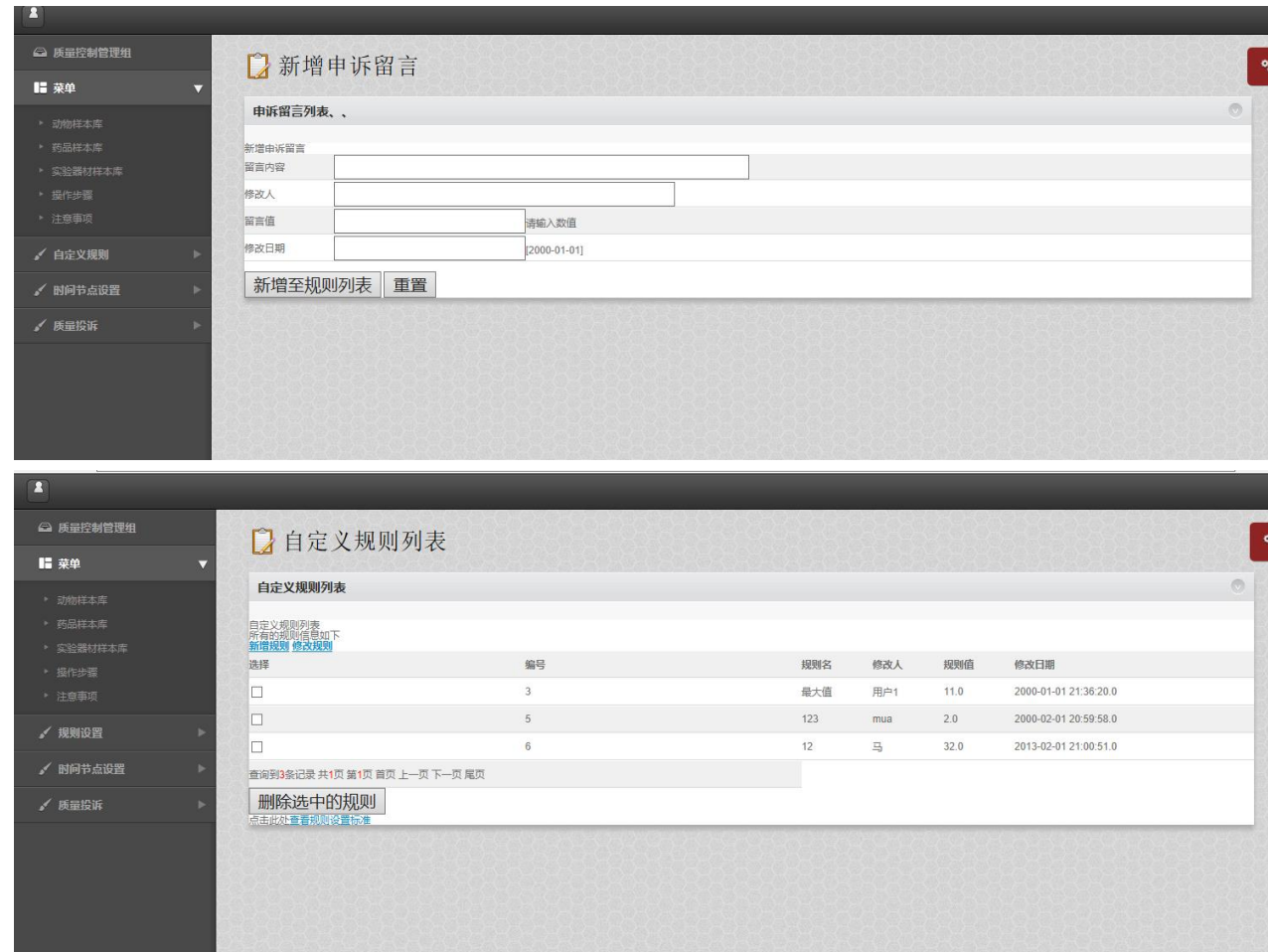
Part 1 implementation ideas

最初设计（后改用最新设计）



Use VisitDB.java to connect database(JDBC)

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 the synchronous database creation would met problems.

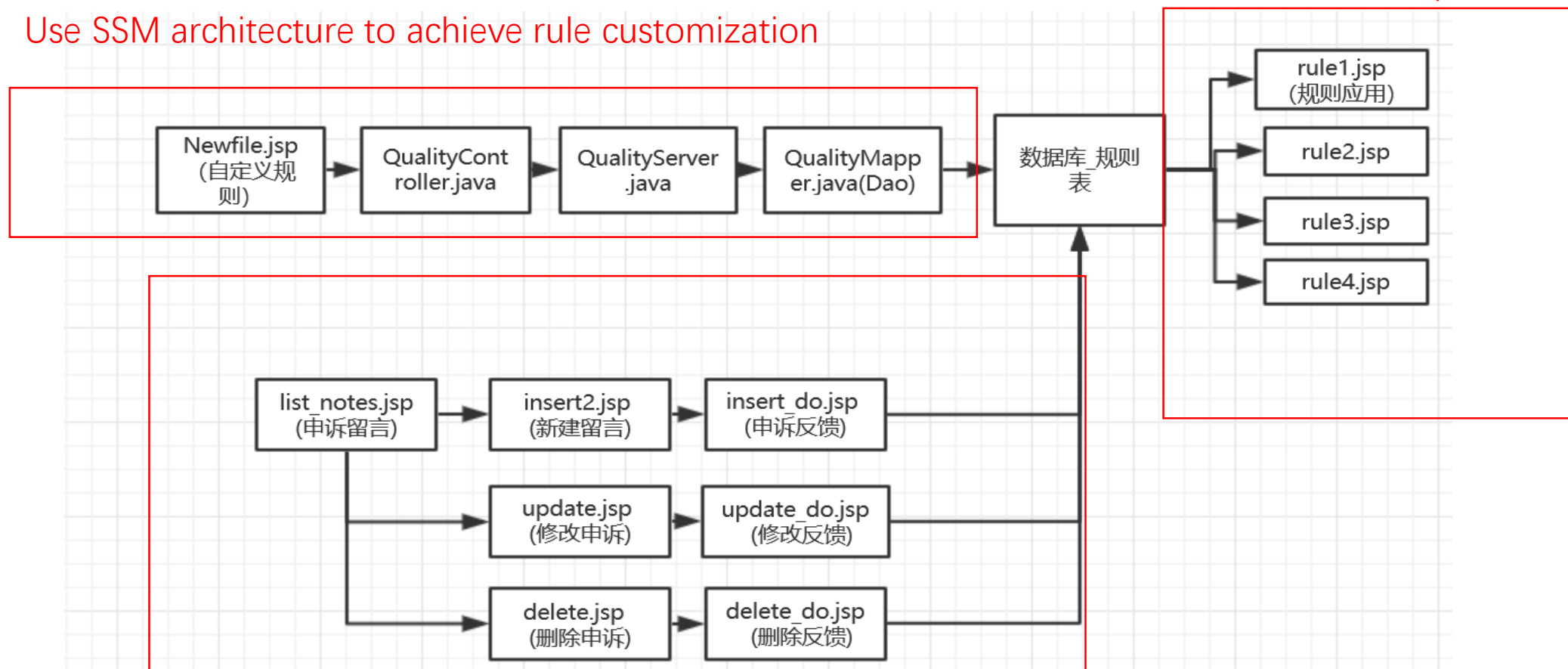
The screenshot shows a web application interface with a dark sidebar on the left and a main content area on the right. The sidebar contains a menu with items like '动物样本库', '药品样本库', '实验器材样本库', '操作步骤', '注意事项', '自定义规则', '时间节点设置', and '质量投诉'. The main content area has a title '新增申诉留言' (Add New Complaint Message) and a form titled '申诉留言列表、' (Complaint Message List). The form includes fields for '新增申诉留言' (Add New Complaint Message), '留言内容' (Message Content), '修改人' (Modifier), '留言值' (Message Value), and '修改日期' (Modification Date). There are also buttons for '新增至规则列表' (Add to Rule List) and '重置' (Reset).

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

New version design

Use SSM architecture to achieve rule customization

Connect other partners



Use JDBC Servlet to achieve users review

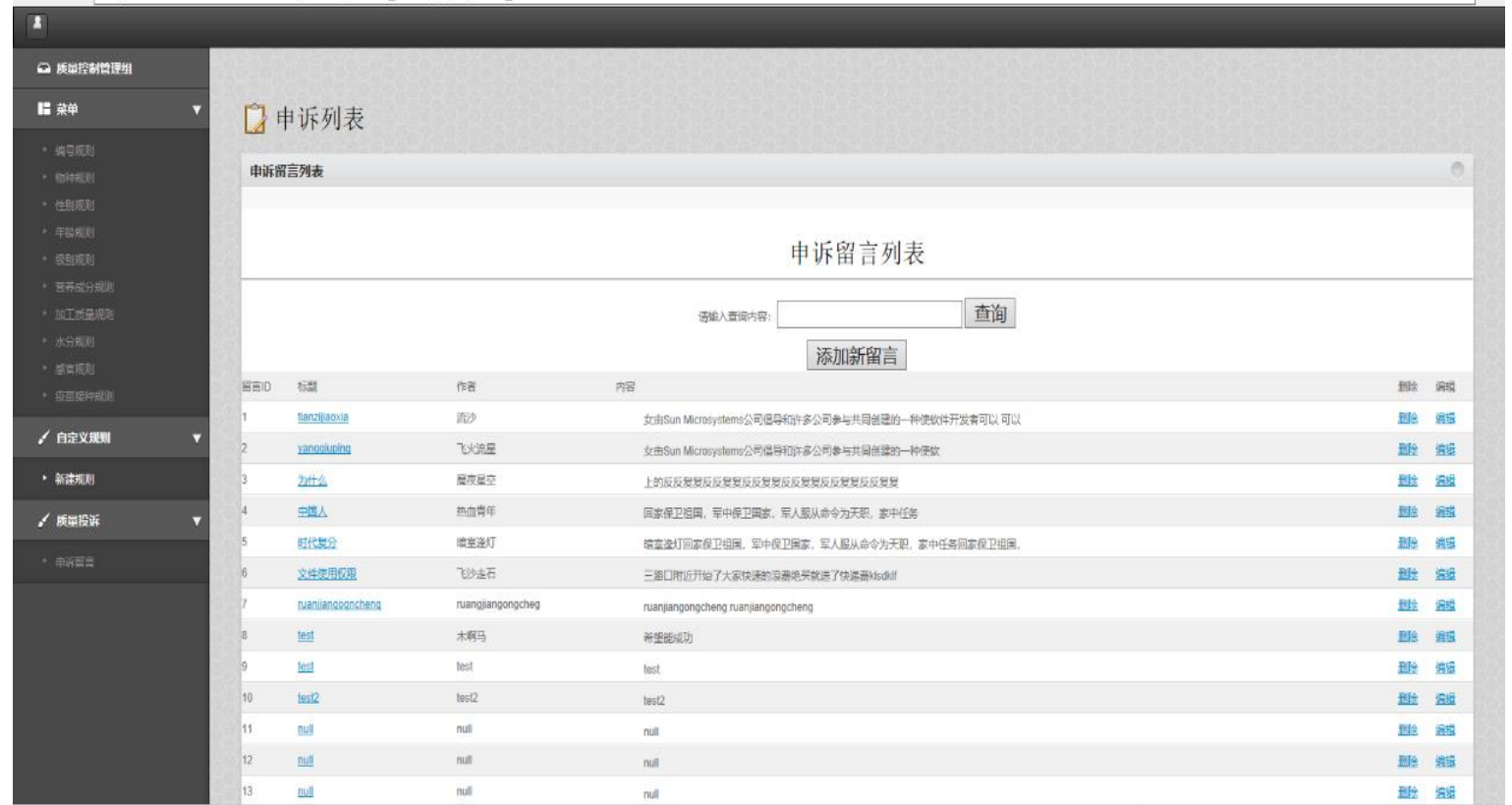


Part 2 demo-introduction of 'User Review' part

Users Review

Implementation ideas:

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



Users Review——inquiry the review

The screenshot shows a web application interface for managing and reviewing user complaints. On the left is a dark sidebar with a menu. The main content area has a header with a clipboard icon and the text '申诉列表'. Below this is a window titled '申诉留言列表' which contains a search bar with the placeholder '请输入查询内容:' and a '查询' button. Below the search bar is a '添加新留言' button. At the bottom of the window is a table with columns: '留言ID', '标题', '作者', '内容', '删除', and '编辑'. The table contains one row with the following data: ID '1', title 'hianziliaoxia', author '流沙', and content '女由Sun Microsystems公司倡导和许多公司参与共同创建的一种使软件开发者可以可以'. The '删除' and '编辑' columns for this row contain blue links labeled '删除' and '编辑' respectively.

质量控制管理组

菜单

- 编号规则
- 物种规则
- 性别规则
- 年龄规则
- 级别规则
- 营养成分规则
- 加工质量规则
- 水分规则
- 感官规则
- 疫苗接种规则

自定义规则

- 新建规则

质量投诉

- 申诉留言

申诉列表

申诉留言列表

请输入查询内容: 查询

添加新留言

留言ID	标题	作者	内容	删除	编辑
1	hianziliaoxia	流沙	女由Sun Microsystems公司倡导和许多公司参与共同创建的一种使软件开发者可以可以	删除	编辑

Users Review——add the review

The screenshot shows a web application interface for adding a review. On the left is a dark sidebar with a menu. The main content area has a light gray background with a pattern. A modal window titled '添加留言' (Add Message) is open, containing a form to '添加新留言' (Add New Message). The form has fields for '标题:' (Title), '作者:' (Author), and '内容:' (Content). At the bottom of the modal are buttons for '添加' (Add) and '重置' (Reset), and a link to '回到留言列表页' (Return to Message List Page).

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- 级别规则
- 营养成分规则
- 加工质量规则
- 水分规则
- 感官规则
- 疫苗接种规则

自定义规则

- 新建规则

质量投诉

- 申诉留言

添加留言

添加新留言

添加一条申诉留言

标题:

作者:

内容:

添加 重置

[回到留言列表页](#)

Users Review——delete reviews



Users Review——update reviews

质量控制管理组

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- 感官规则
- 疫苗接种规则

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- 新建规则

质量投诉

- 申诉留言

更新申诉

更新申诉留言

添加新留言

标题: tianzijiaoxia

作者: 流沙

内容: 女由Sun Microsystems公司倡导和许多公司参与共同创建的一种使软件开发者可以

可以

更新 重置

[回到留言列表页](#)

Technical point design for complaints

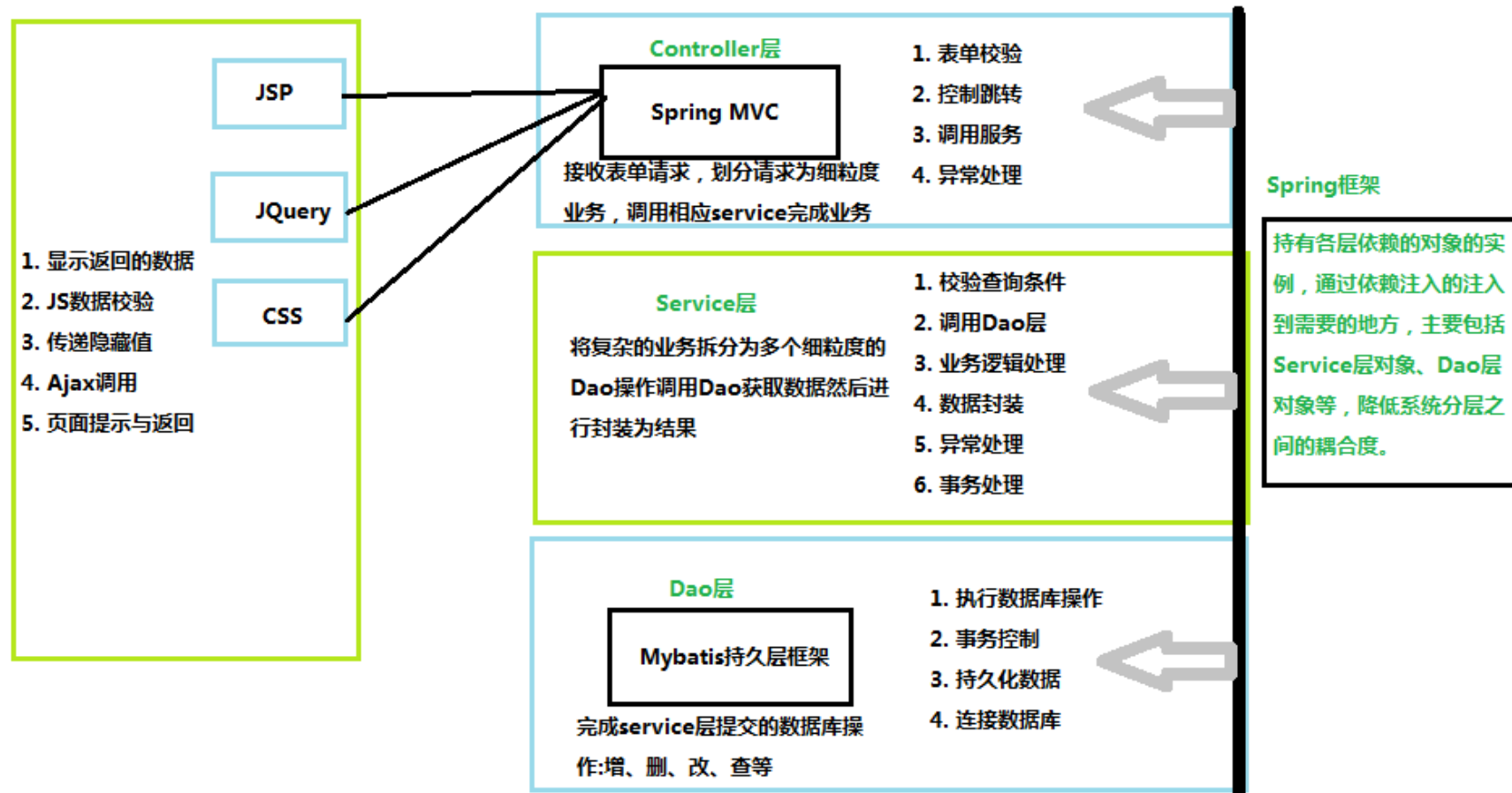
The Java class only has the database connection class of the Dao layer and the solitary database operation java class, which does not involve mapping at all. There is no SSM architecture. I have encountered the problem of mapping duplicate names when integrating SSM. This makes the integration work very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

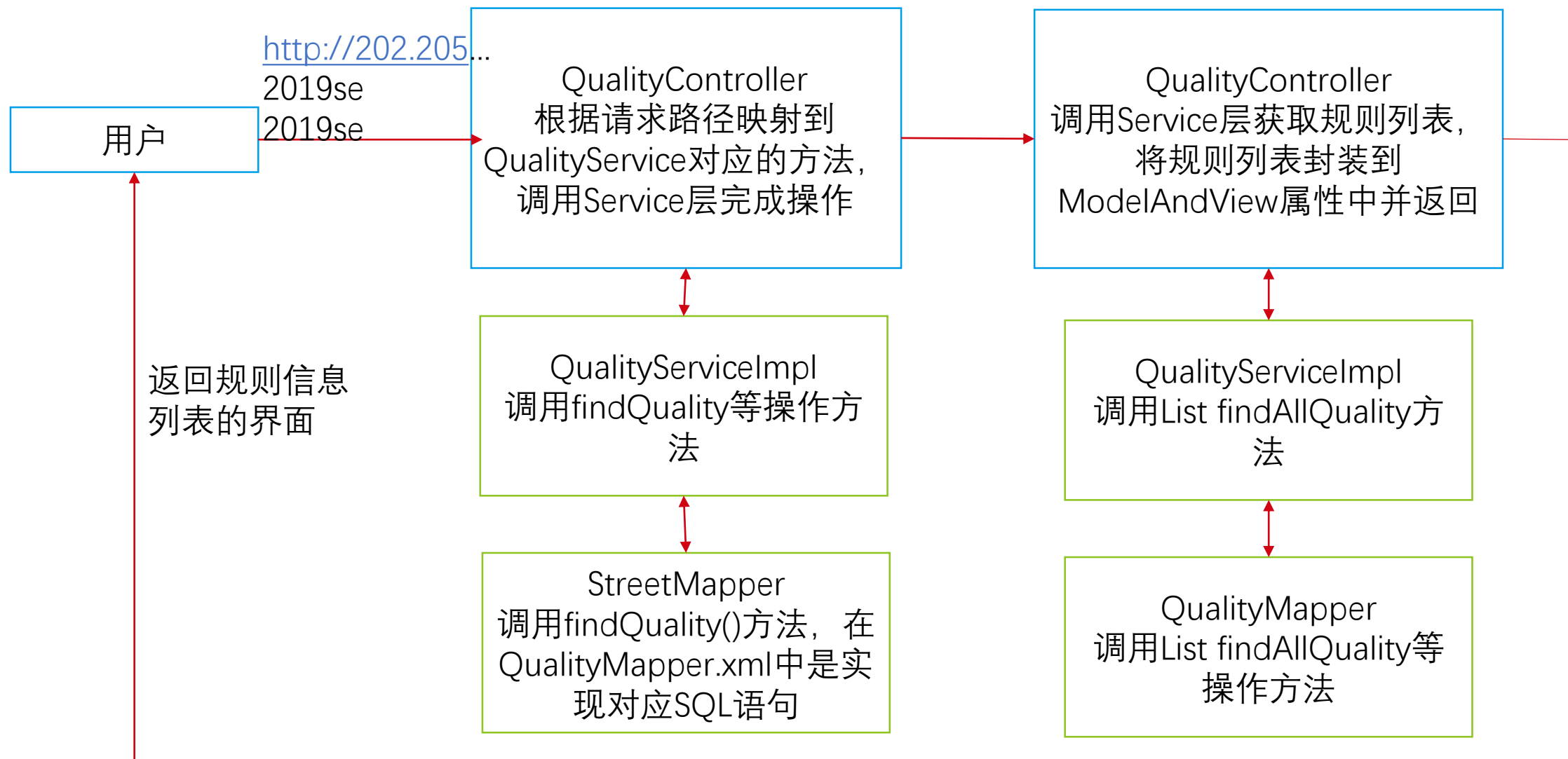


Part 3 demo-introduction of 'Rule customization' part

SSM framework



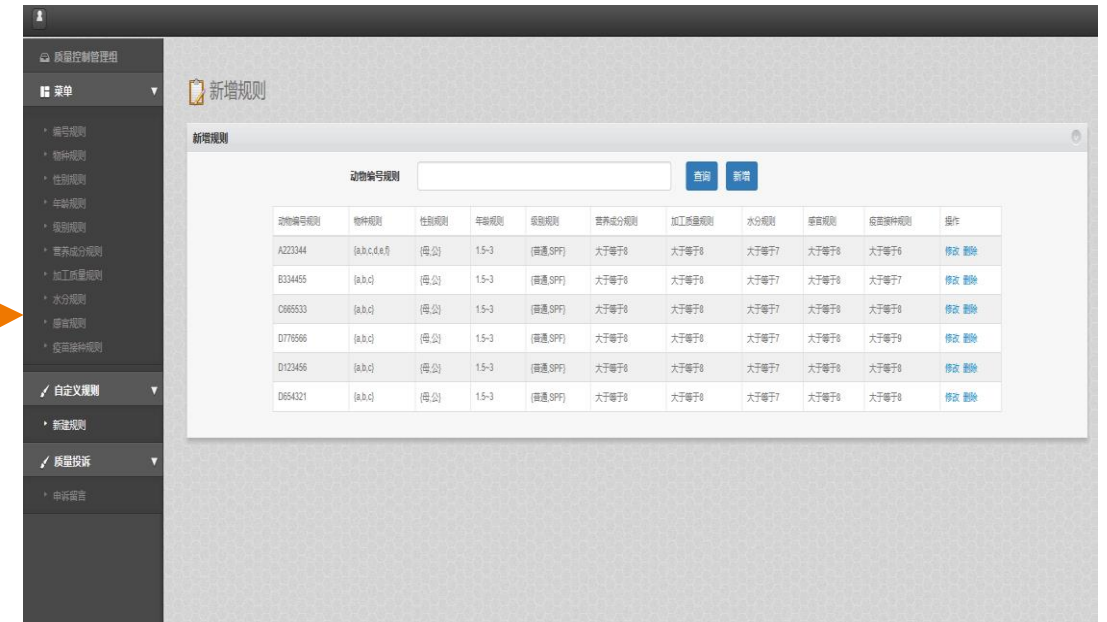
SSM Design Ideas



Process of modification



After
modification



Abandoned version, not compatible with SSM

New version, perfect compatible with SSM

Process of modification

新增规则列表

新增一项规则信息

规则名称:

修改人:

规则值:

修改日期:

After
Modification

新增规则

动物编号规则:

物种规则:

性别规则:

年龄规则:

繁殖规则:

营养成分规则:

加工良莠规则:

水分规则:

感官规则:

疫苗接种规则:

动物编号规则	物种
A223344	{a,b,c}
B334455	{a,b,c}
C665533	{a,b,c}
D776666	{a,b,c}
E123456	{a,b,c}
F654321	{a,b,c}



Thanks for reading