Maintain story

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一、 Difficulty

In this project, our main purpose is to maintain others' projects and make some improvements on the basis of others' projects. I thought such work would be much easier than completing an independent project by myself, but when I really started to operate this project, I found it difficult to maintain other people's code. I summarized the following difficulties:

1.In the process of maintaining other people's code, the first difficulty I encountered was how to read other people's code. Because everyone has a different way of writing code, the code written by each person is different. However, if we want to maintain other people's code, we should first understand it from the perspective of the author. This is also a very important task in our future team。

2.Read other people's code, I think the most difficult part is to modify some mistakes in his program, I think this is a very difficult, because if for a bad programmers may be easier, but for like me weak capability of the programmer is difficult, because there are so many others, the method of statement is never seen before, still need to learn. After the study also in the original author's ideas on the modification. But it's also a learning

process for us.

3.Finally, we need to make some improvements and make the whole program more perfect. Is to implement more functions on the basis of the original program. I think this is difficult because the original code still needs to be modified in the process, which may make the original function unusable。

4.We need to record the changes and additions to facilitate future maintenance.

二、 Improvement

I mainly read the grading criteria given by the teacher, found out the deficiencies in the original author's project and then made my revision.

1.I see the need to rework the title, to think of titles that have the same meaning but are written in heroic ways differently as the same title. I changed all the stored data in the database into uppercase and removed the blank space. I also compared the data to be added after the same operation. If it is the same, it cannot be added.

2.The review of the email account in the original project was wrong and the message after @ could not be distinguished. I will improve the verification of mailbox format, only the real mailbox format can pass the audit.

3.According to the teacher's rating, only two decimal places after the popularity can be calculated. I modified the renturn information in calpopularity so that he could only return two decimal places after the popularity.。

4.In the scoring criteria, the teacher suggested to search with some keywords. When searching for comments, I could only search according to the content of the comments. I also added the content of searching all the comments by the email.

5.Add date information for each comment，Each comment will show the time of sending, "post time", which will be kept in the database. That is, the time information of the comment.

6.Cannot search Highlight part.：You can search highlight - part in the second search box. I mark the searchable content on the right side of each search box. You can search articles by searching highlight - part, title, abstract.