maintenance story

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Problem：

There are many problems with maintaining other people's code:

1. First of all, you need to understand other people's code, but many of the codes are not marked, and you know little about them, resulting in unclear overall code.

```python
def before_request():
    addr = request.remote_addr
    ip = ipService.find_ip_by_ip(addr)
    if ip is None:
        ip = IP(addr=addr, is_blocked=0)
        ipService.insert(ip)
    elif ip.is_blocked == 1:
        os.abort(403)
```

like this code is not marked, so I need to spend time to find and learn the meaning of this code

2. When debugging the code, I have many packages that cannot be run without importing.

3. Because there are some strange bugs in different versions of python, it will take me a long time to find and solve these problems.

```
文件“ E: \ python \ oaps-master \ services.py”, 第140行, 在find_ip_by_ip
    ip = IP.query.filter_by (addr = addr) .first ()

NameError: 未定义名称“ IP”
```

This is what I find when debuggeing it, It shows that IP is not defined, but

it has been defined in the model and IP in model.py has also been imported into server.py.

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Improvements:

1、 Add manager login and logout. Remove modify or delete by entering the management password.

2、 Add the function of delete subject.

3、 Modified the interval between files uploaded by the same user

Code improvements are still in progress

4、it will display part of the email address