**演示流程：**

**用户端：**

**注册：**

这里是我们的登陆页面，如果你是新用户那么可以从注册开始。首先你可以选择一个头像或者直接使用默认头像。然后输入一个不重复的用户名，student id和密码。密码需要满足不少于八位长度，邮箱地址必须为有效邮箱地址。然后发送验证码校验邮箱是否合法。验证码有限流机制，每分钟只能请求一次。收到验证码之后，验证码有效期为3分钟。然后就可以成功注册。

Here is our landing page, if you are a new user then you can start by signing up. First you can choose an avatar or simply eat the default avatar. Then enter a unique username, student id and password. Password must be no less than eight digits long; email address must be a valid email address. Then send a Captcha to verify that the mailbox is legal. Captcha limited flow mechanism, only one request per minute. Captcha is valid for 3 minutes upon receipt of Captcha. Then you can register successfully.

**登录：**

我们可以使用用户名或邮箱登录，系统会自动判断你的角色，然后进入对应页面。

We can log in with a username or email address, and the system will automatically determine your role and enter the corresponding page.

**房间**：

用户页面首先可以查看所有房间以及每个房间的详细信息，然后可以根据需求筛选想要预定的房间。

The user page can first view all rooms and the details of each room, and then filter the rooms you want to book according to your needs. Such as based on name, location or capacity.

当点击 book 按钮之后可以看到该房间在未来一周内的详细预定情况。然后可以选择空闲的时段发送预定申请。

When you click the book button, you can see the detailed reservation status of the room for the following 7 days. The empty time slot could then be selected to send a predetermined request. Occupied time cannot be chosen again.

**预定信息：**

然后可以前往booking review页面查看自己所有未来的预定信息和过去的预定记录，以及每条预定信息对应的预定状态，并且也搭配了筛选和排序的功能。当然用户可以在会议开始之前更改预定的时间。

Then you can go to my booking page to view all your coming bookings and history bookings, as well as the booking status corresponding to each reservation. And it is also equipped with filtering and sorting functions based on status and time. Of course, the user can change the scheduled time before the meeting starts.

**反馈：**

如果用户在使用的过程中遇到了一些问题，那么他们可以通过反馈模块向管理员发送信息反馈。以及跟进反馈的进度。

If users encounter some problems in the process of use, they can send information feedback to the administrator through the feedback page. And follow up on feedback status.

**用户信息：**

最后在用户信息界面，可以查看用户的基本信息，以及更改头像，密码或者邮箱。这里我将展示邮箱的更改。需要先获取到新输入的邮箱接受到的验证码确认新邮箱正确之后，才能更改成功。密码的更改逻辑是类似的。

Finally, in the profile page, you can view the user's basic information, and change the avatar, password or email address. Here I'm going to show you the mailbox changes. You need to obtain the Captcha received by the newly entered mailbox to confirm that the new mailbox is correct before you can change it successfully. The password change logic is similar.

然后让我们登出当前账户，进入管理员账户。

Then, let us log out from this account, and change to admin account.

**管理端：**

**房间管理：**

首先，管理员的基本功能和用户端是类似的可以添加新的，但是管理员可以额外修改每个房间的详细信息，或者移除某个房间。

First of all, the basic functions of the administrator are similar to those of the client-reservations can be added, but the administrator can additionally modify the details of each room or remove a room.

**预定信息管理：**

管理员同样可以查看本人的预定记录。

Admin can do the same function as users when doing reservation.

**用户管理：**

可以根据筛选或者排序来快速定位想要查找的用户。以及可以根据预定的数量来主动封禁某些用户。被封禁的用户只能登录系统，但是无法再申请新的预定。以及管理员也可以直接删除一些用户。被删除的用户则无法登录系统。

Admin can quickly locate users they want based on filtering or sorting. And can proactively ban certain users according to a predetermined number. Banned users can only log in to the system, but they can no longer apply for new reservations. Administrators can also delete users directly. Deleted users cannot log in to the system.

**预定管理：**

管理员可以查看所有人的预定信息，并且选择接受或者拒绝预定，并提供原因。

Administrators can view all reservations and choose to accept or reject reservations, providing reasons.

**反馈：**

管理员可以看到所有用户的反馈，并且可以对每个反馈进行回复。

Administrators can see all user feedback and respond to each feedback.

**个人信息：**

这一部分和普通用户功能相同。

This section has the same functionality as the regular user.