Object Oriented WEB Programming Using Ruby

Application behavior

Main page

SugChat user list chat list room list

Chat title roomname posted date and time

comment

Chat title roomname posted date and time

comment

Chat title roomname posted date and time

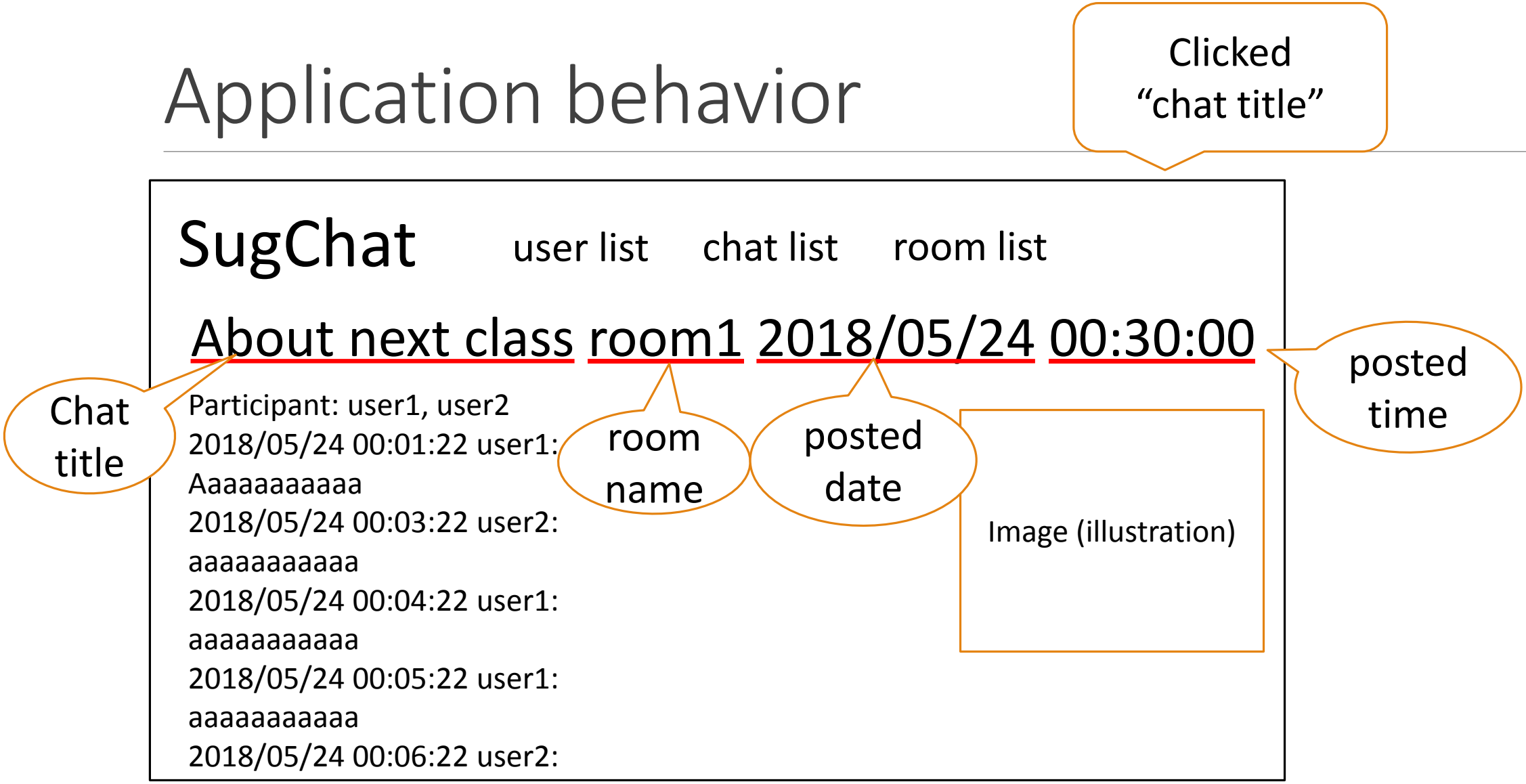
comment

Log in

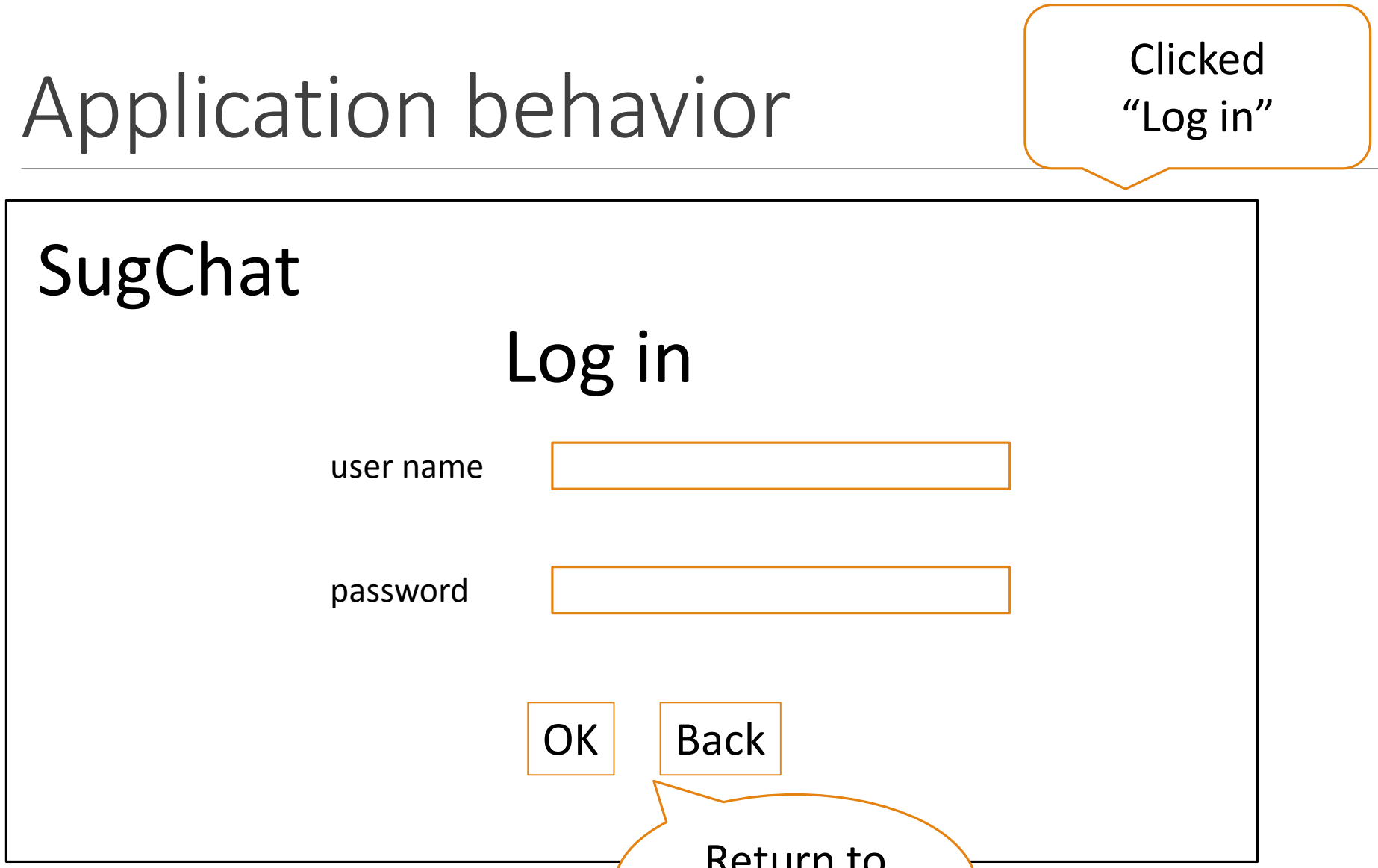
New account

This page appears if you clicked “chat list”

Application behavior



Application behavior



Application behavior

After Log in

SugChat user list chat list room list User name

Chat title roomname posted date and time

comment New room

Chat title roomname posted date and time

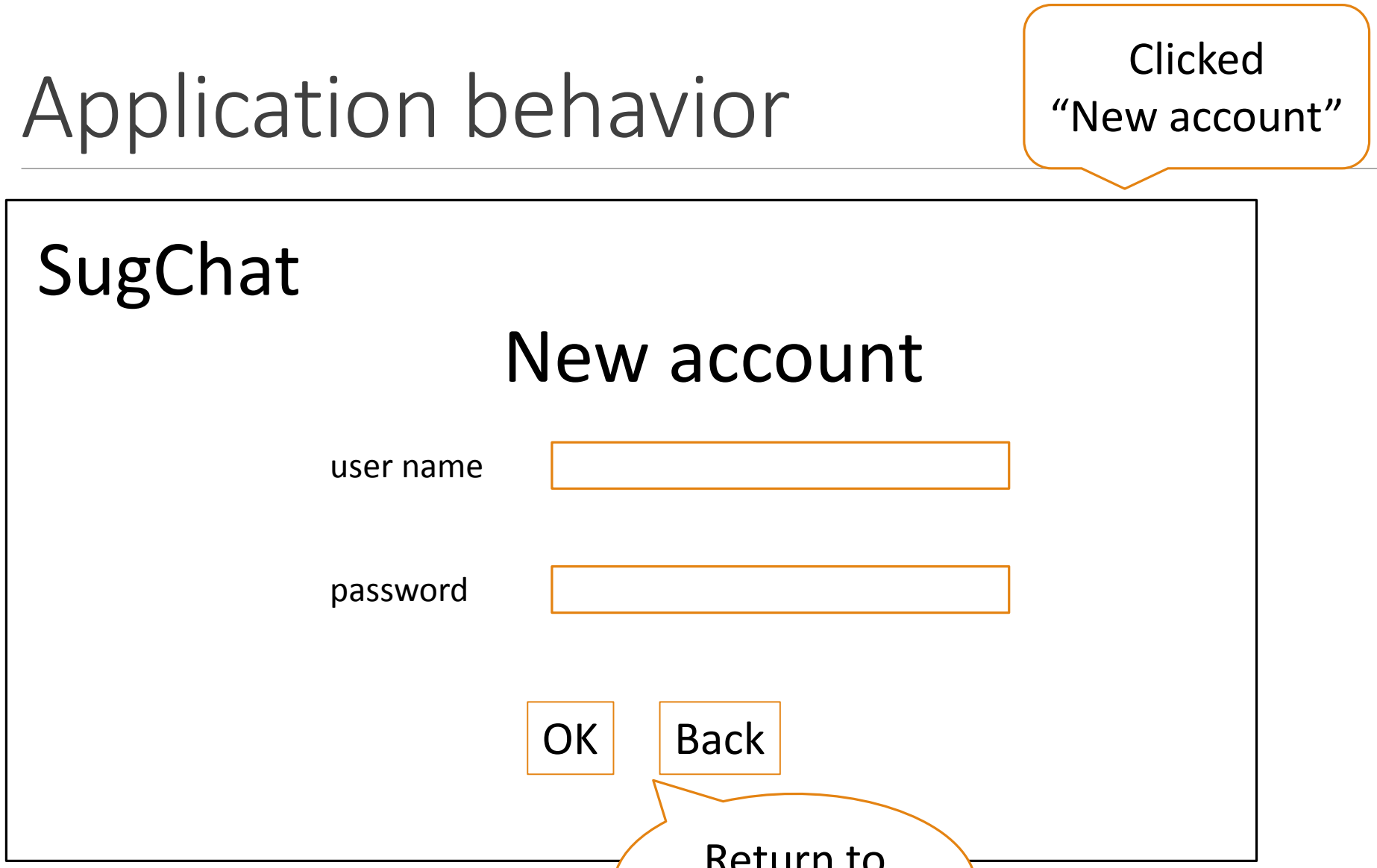
comment

Chat title roomname posted date and time

comment

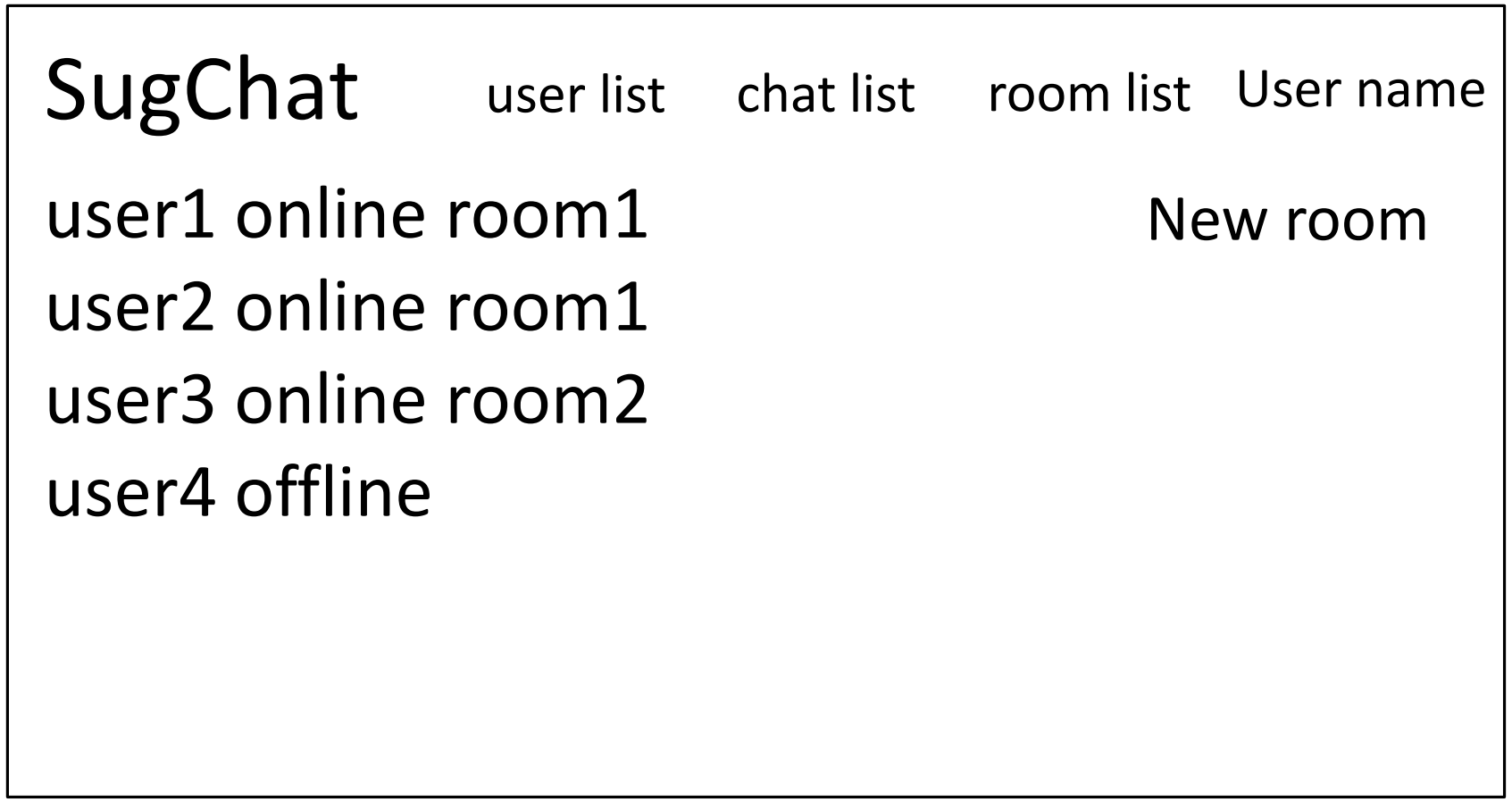
User name and new room are appeared

Application behavior



Application behavior

Clicked
“user list”



Application behavior

Clicked
“room list”

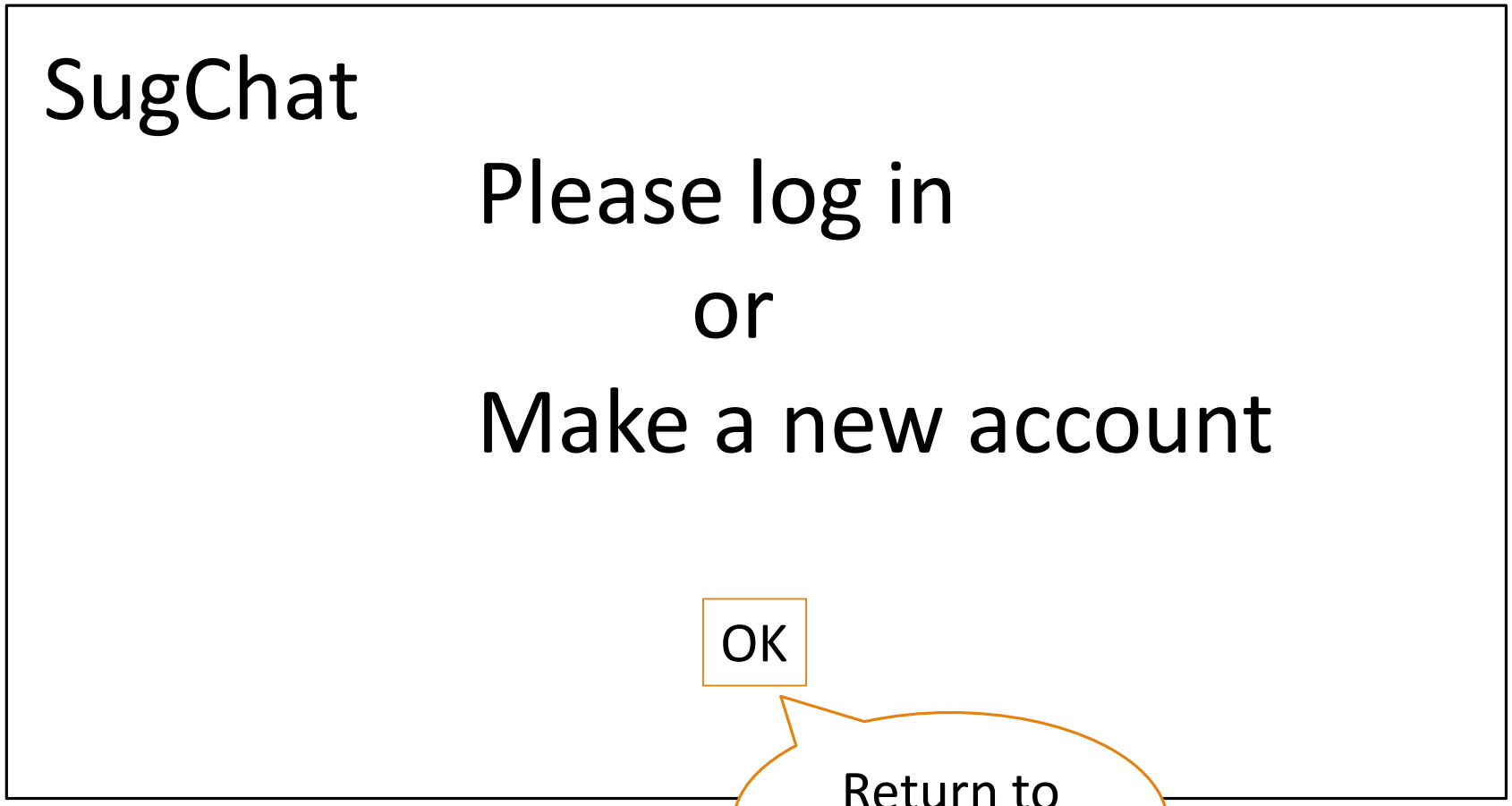
SugChat user list chat list room list User name

room1 created date and time
comment
room2 created date and time
comment
room3 created date and time
comment

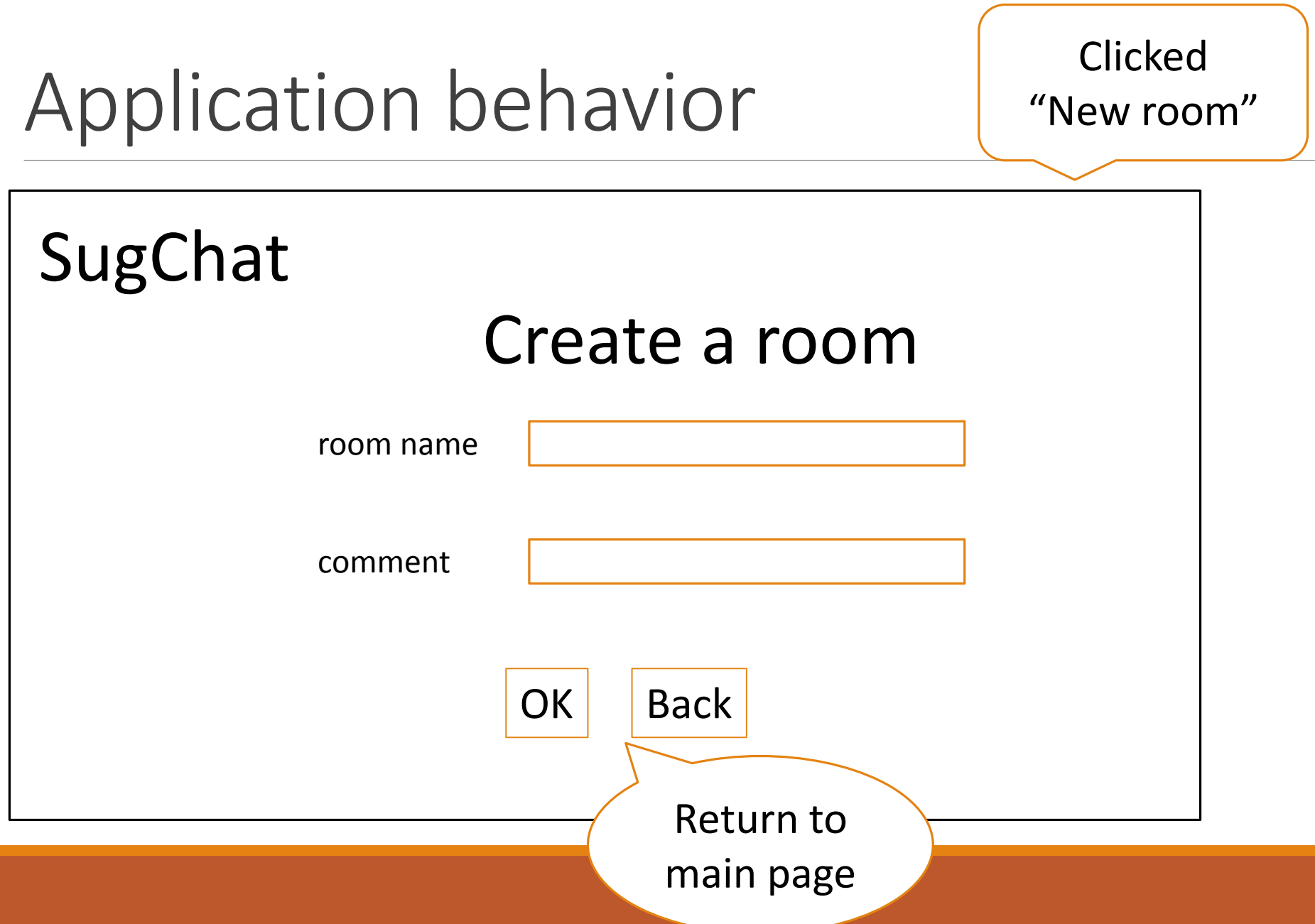
New room

Application behavior

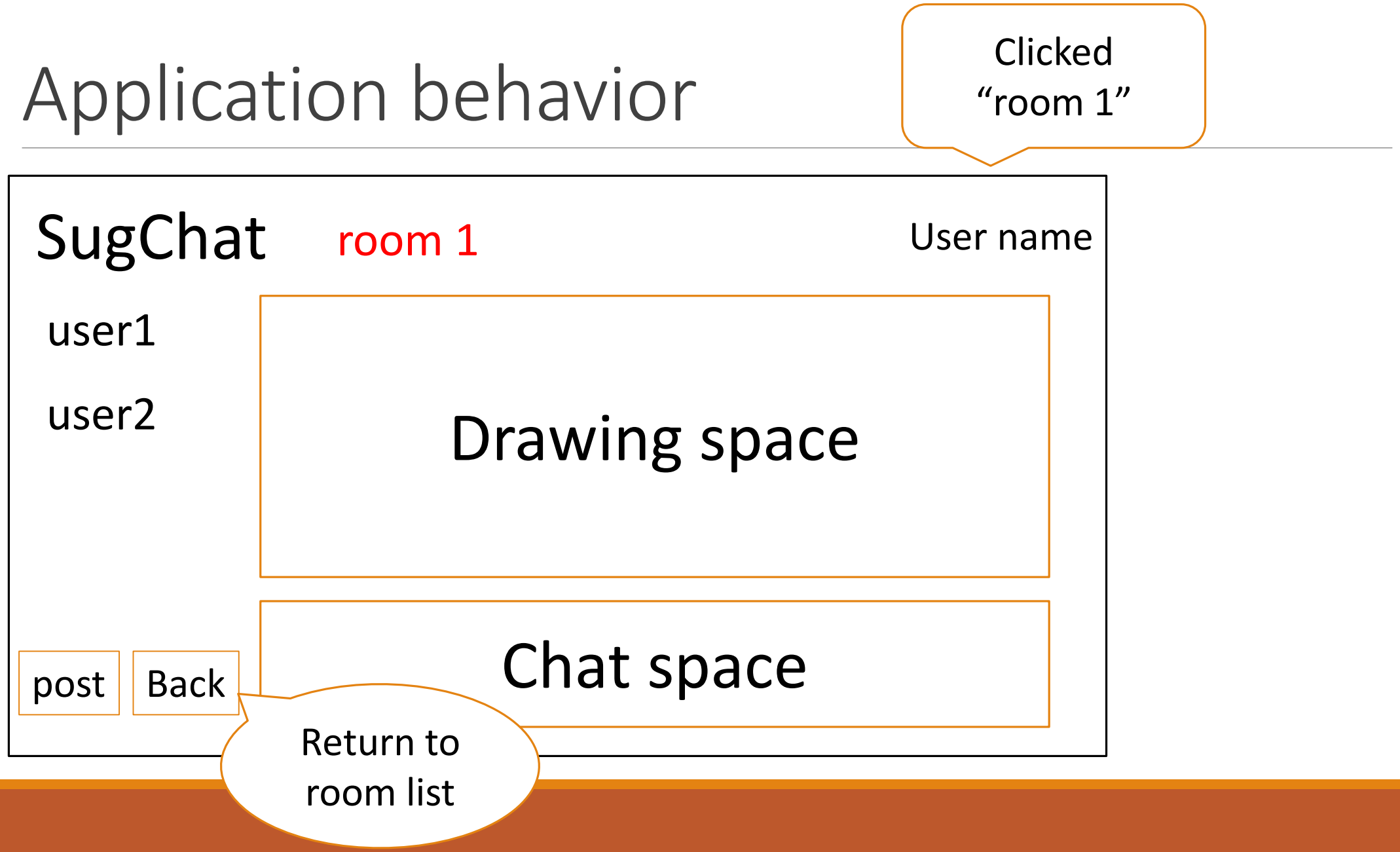
If a person who is not a member of this site clicks “New room” or room name, this page appears.



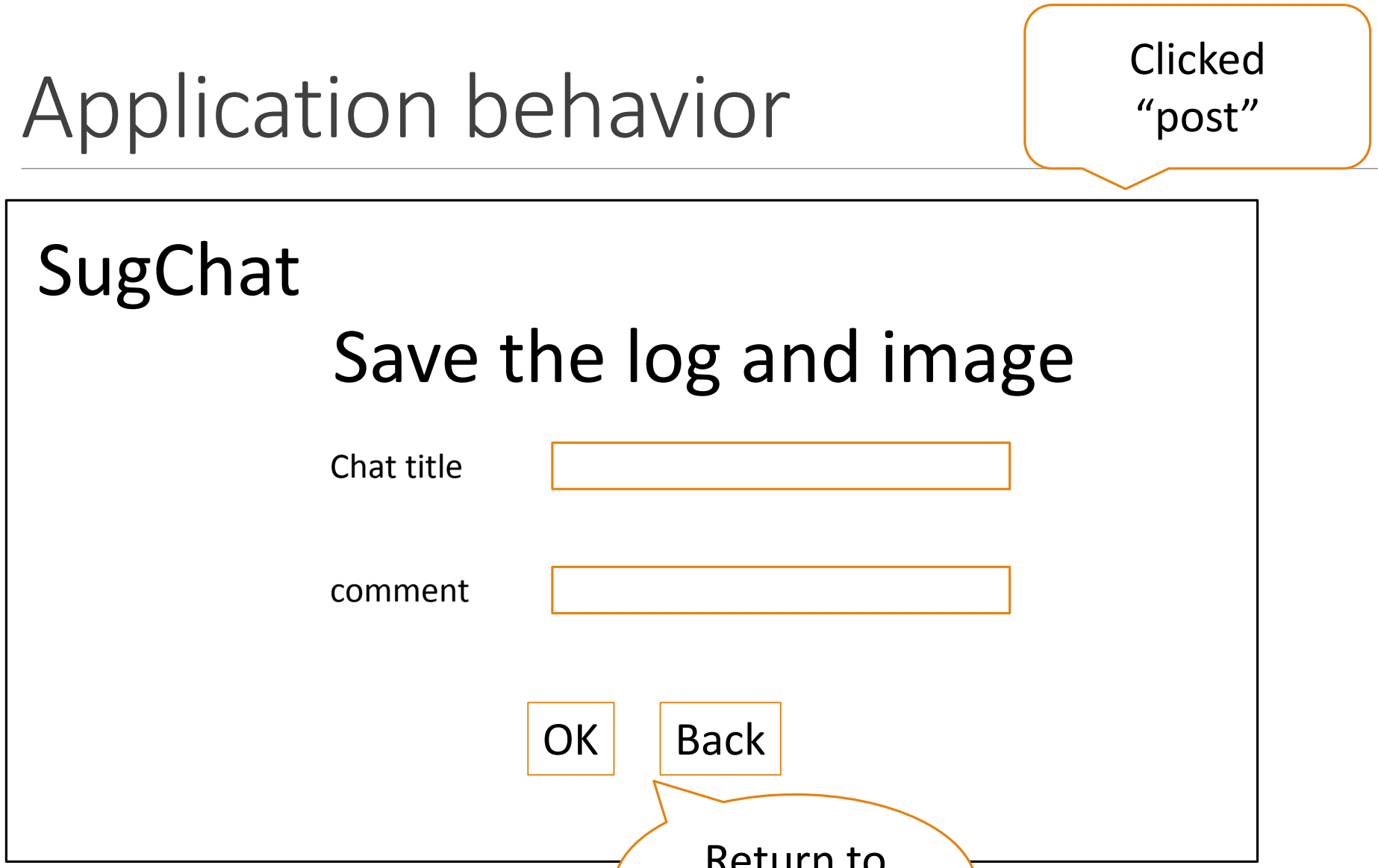
Application behavior



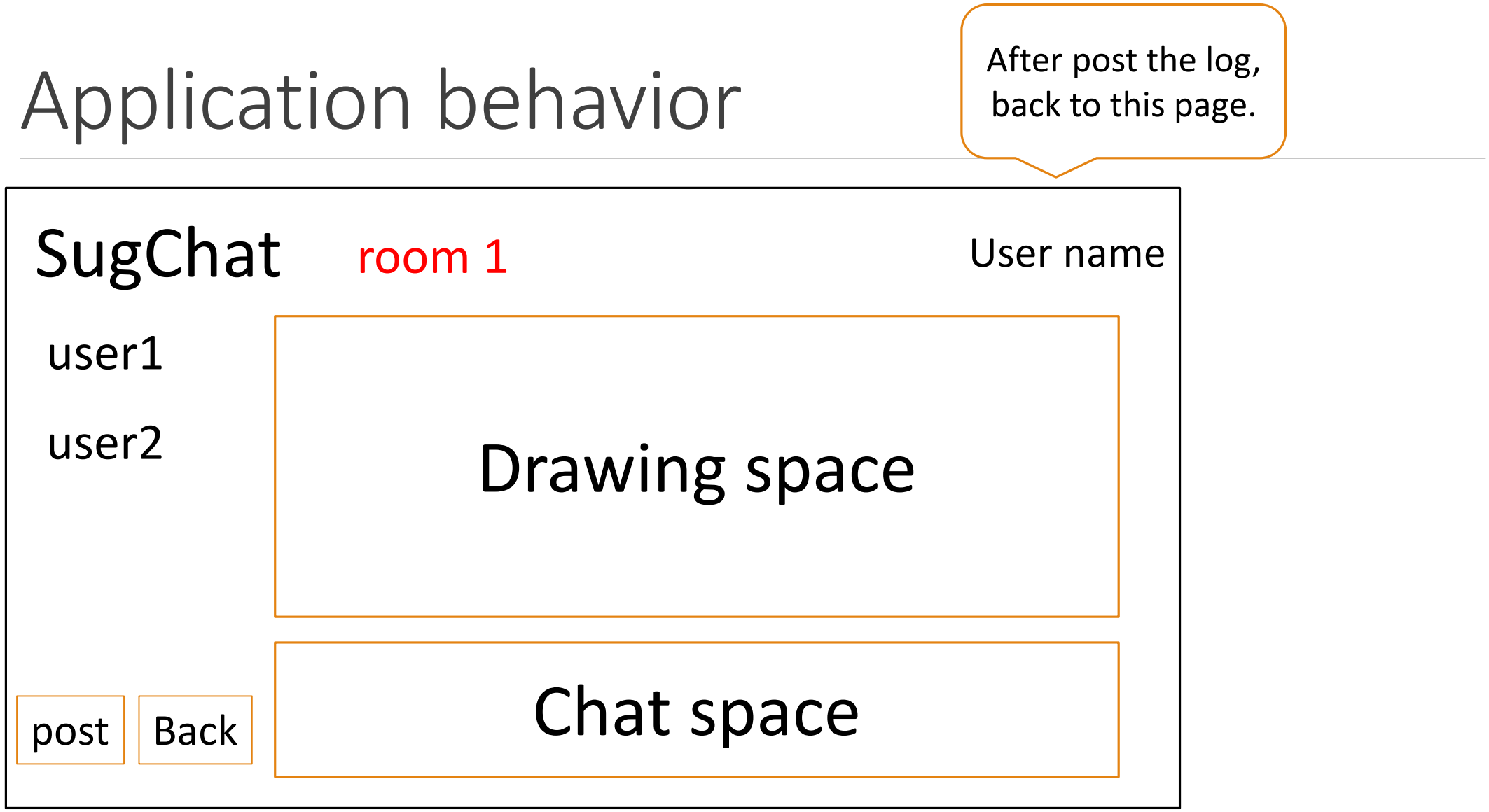
Application behavior



Application behavior



Application behavior



Division of roles

1. Design the layout.

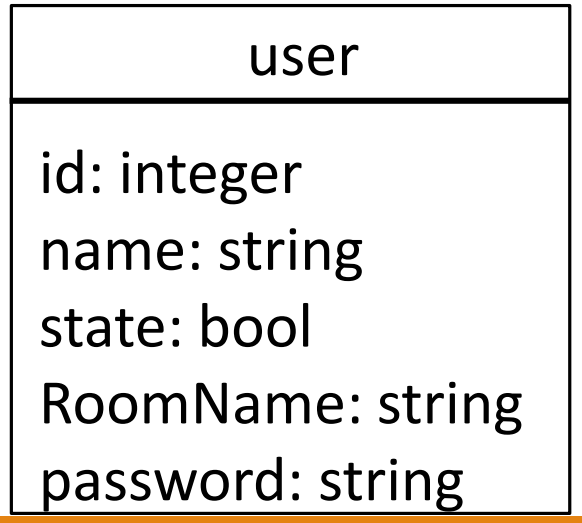
Improve the appearance of this application.

Temporary layout is not good.

Division of roles

2. Make a function to log in.

Make accounts and give data to the user model.



Division of roles

3. Display user list.

Display all users who have their own accounts.

Include information about users. (online/offline, room?)

Division of roles

4. Display chat list.

Display all chat logs in database.

If chat titles are clicked, display the log and the image.

chat
id: integer title: string comment: text log: text? image: data? PostedDate: string PostedTime: string

Division of roles

5. Create a room and display room list.

Users who have accounts only make a room.

Display all rooms in database.

room
id: integer name: string comment: string CreatedDate: string CreatedTime: string

Division of roles

6. Make a chat function.

Make a chat page which can use with many users.

Post comments with the user name, time and date.

Division of roles

7. Make a drawing function.

Make a drawing page which can use with many users.

We draw an illustration with some colors.

Use canvas(HTML5)?

Division of roles

8. Post a image and a chat log.

Make a function to post an image and a chat log.

When we post them, they include a chat title and a comment about the log.