



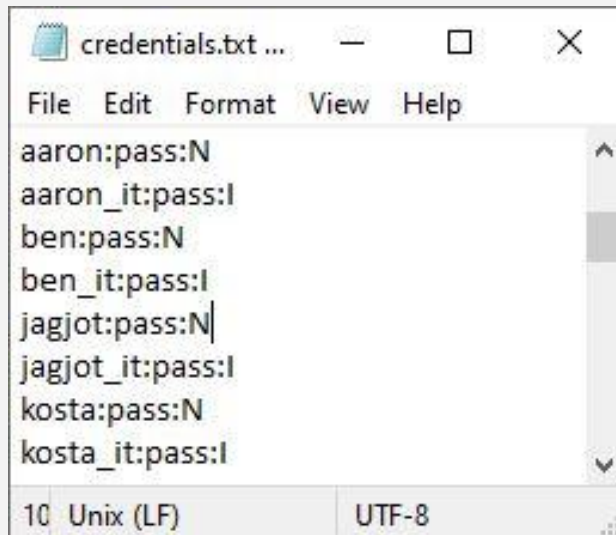
Group 4 - Communications application

Ben - Aaron - Jagjot - Kosta



Using the application - Prereqs

- Application Files
 - commsProj package
- Credentials File
 - credentials.txt



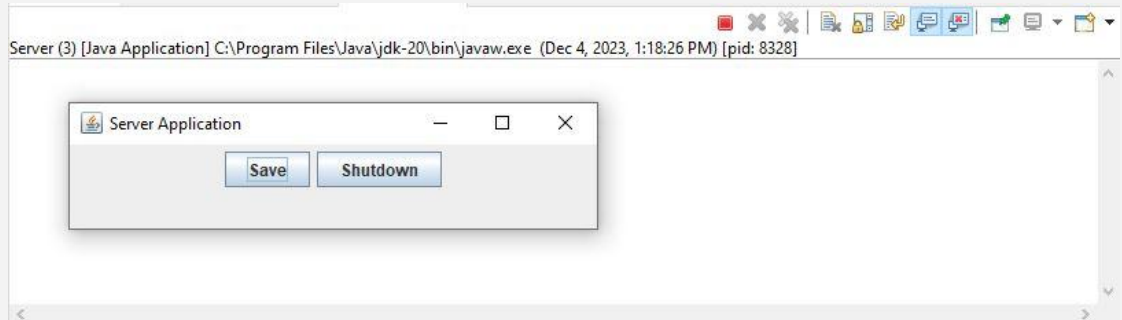
```
credentials.txt ...
File Edit Format View Help
aaron:pass:N
aaron_it:pass:I
ben:pass:N
ben_it:pass:I
jagjot:pass:N
jagjot_it:pass:I
kosta:pass:N
kosta_it:pass:I
10 Unix (LF) UTF-8
```

Credentials are formatted in the file as:
<username>:<password>:<role>
I - denotes IT user
N - denotes normal user



Using the app. - Server start

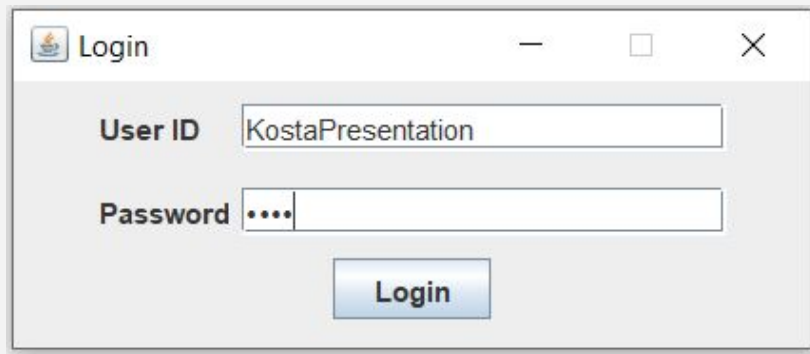
For today's demonstration, we will be running our server application from eclipse



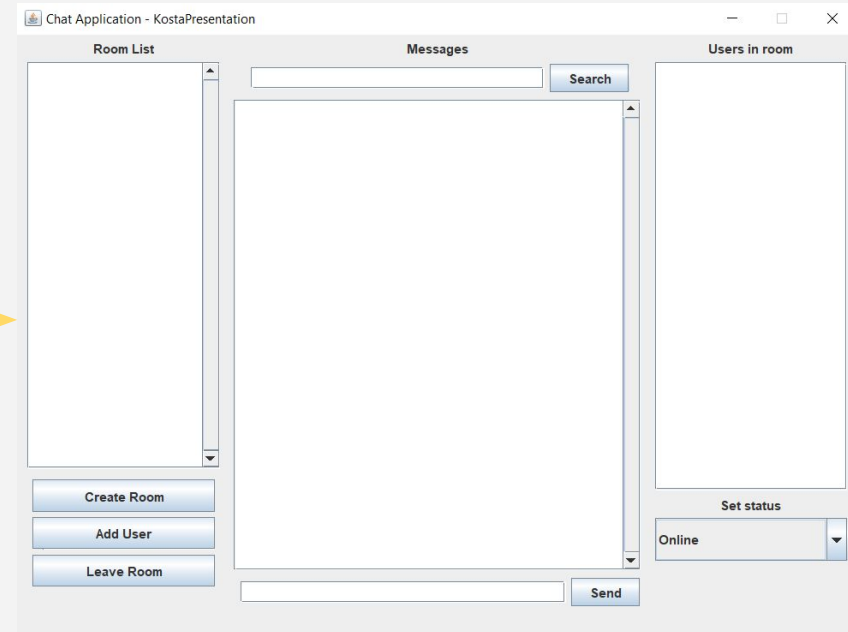
Use Cases

Actions that all users can take and their main flow.

1. User enters their username and password in the client
2. Client sends a login request to the server
3. Server authenticates the user



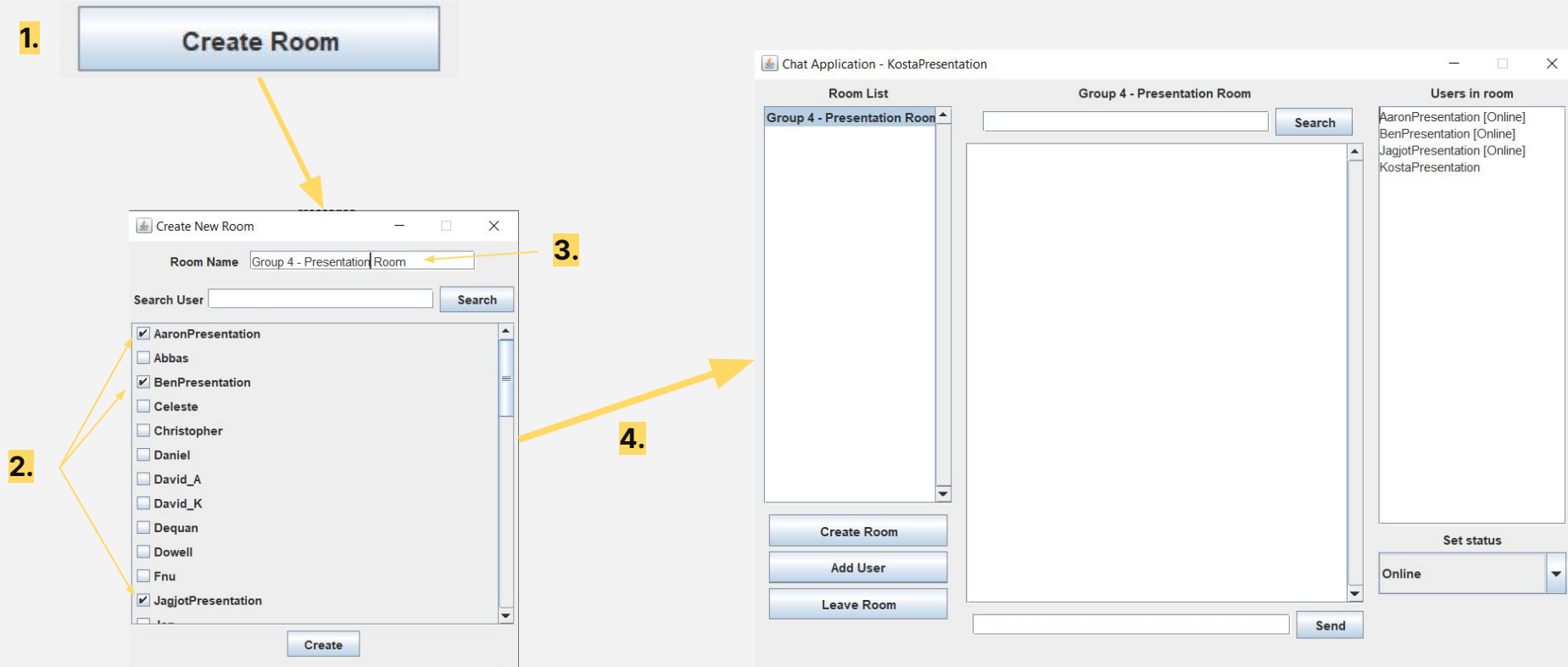
A login dialog box titled "Login" with a standard Windows window frame. It contains two input fields: "User ID" with the text "KostaPresentation" and "Password" with masked characters "....". Below the fields is a blue "Login" button.



The main chat application window titled "Chat Application - KostaPresentation". It features a "Room List" on the left with buttons "Create Room", "Add User", and "Leave Room". The center area is for "Messages" with a search bar and a "Send" button. The right area shows "Users in room" and a "Set status" dropdown menu currently set to "Online".

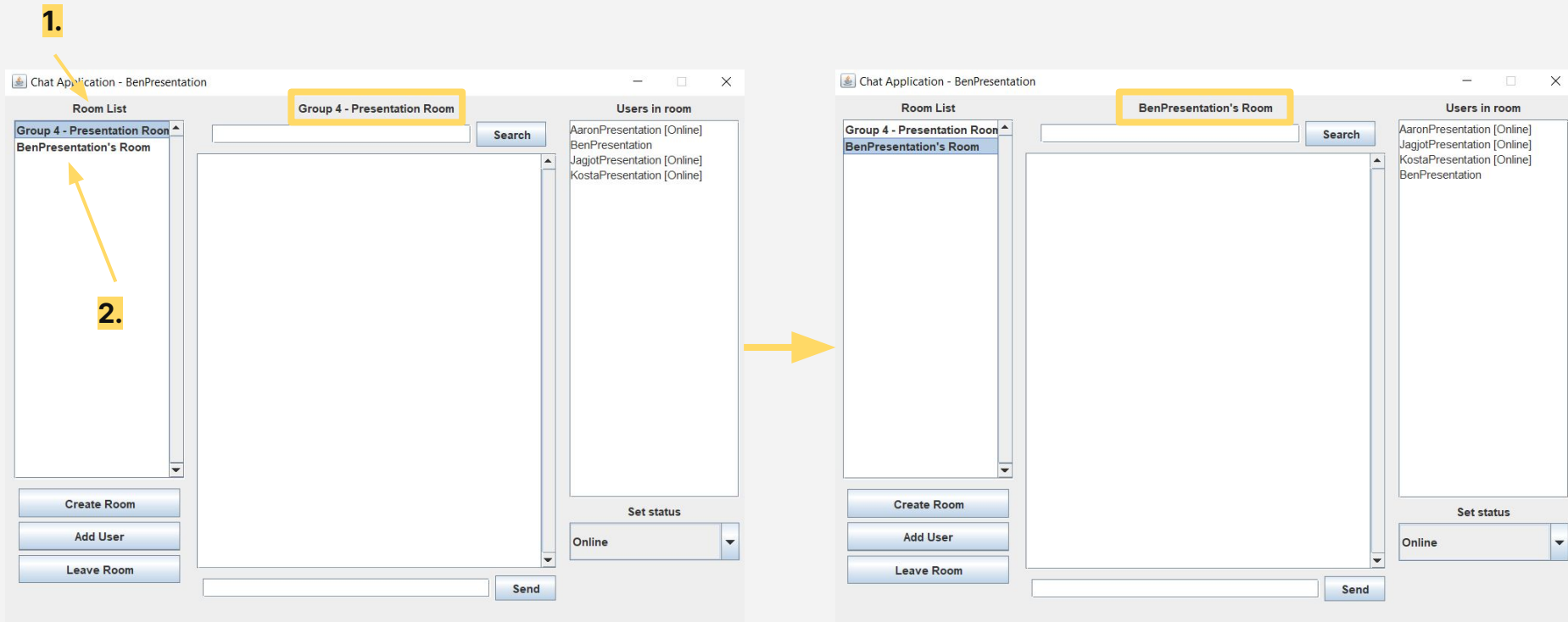
Use Case ID 1: Login

1. User clicks on a button in the client to create a new room
2. User selects participants to be invited to the room
3. Room name can be modified
4. Room is generated.



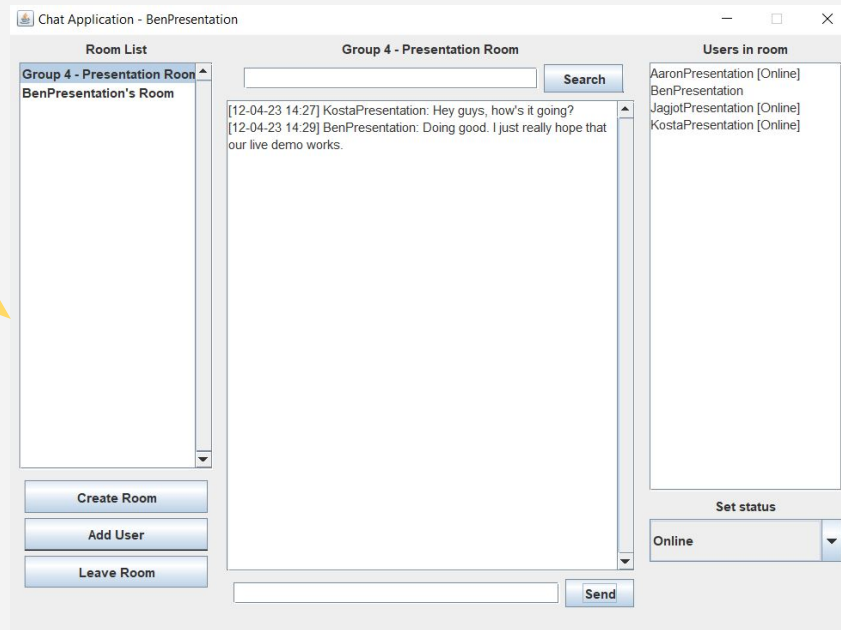
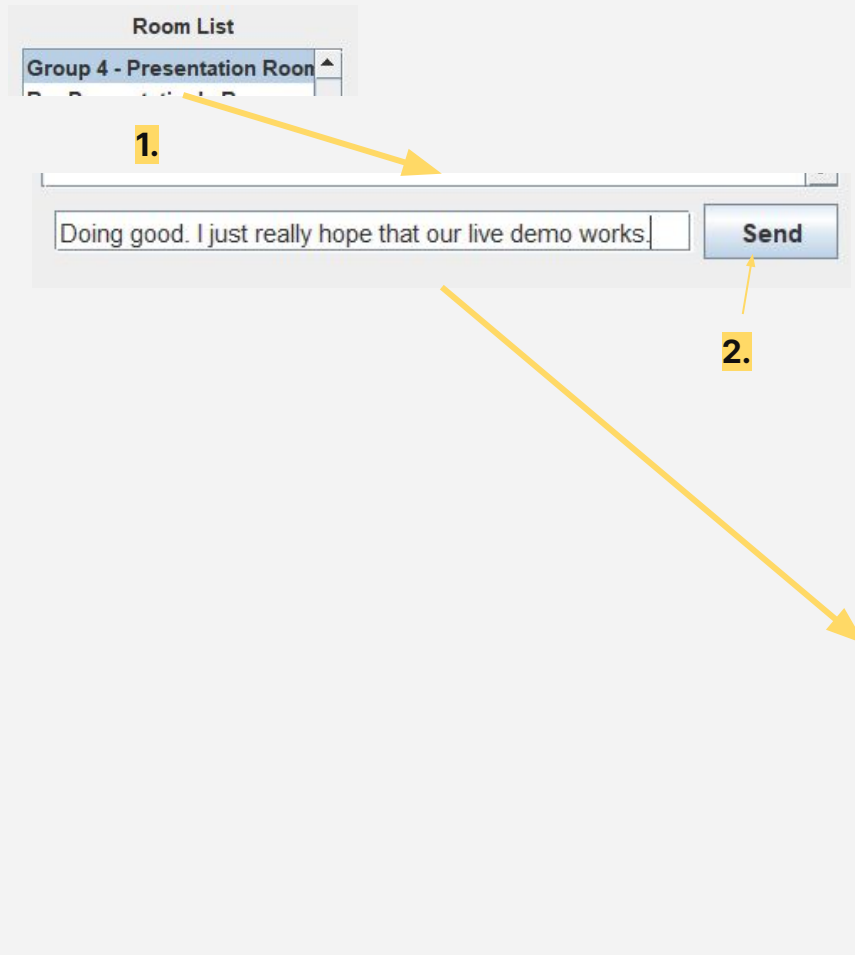
Use Case ID 2: Creating a room

1. After logging into the client, the user is presented with a list of rooms they are a participant in
2. Clicking on a room displays the room in their client which includes messages from others and a list of participants



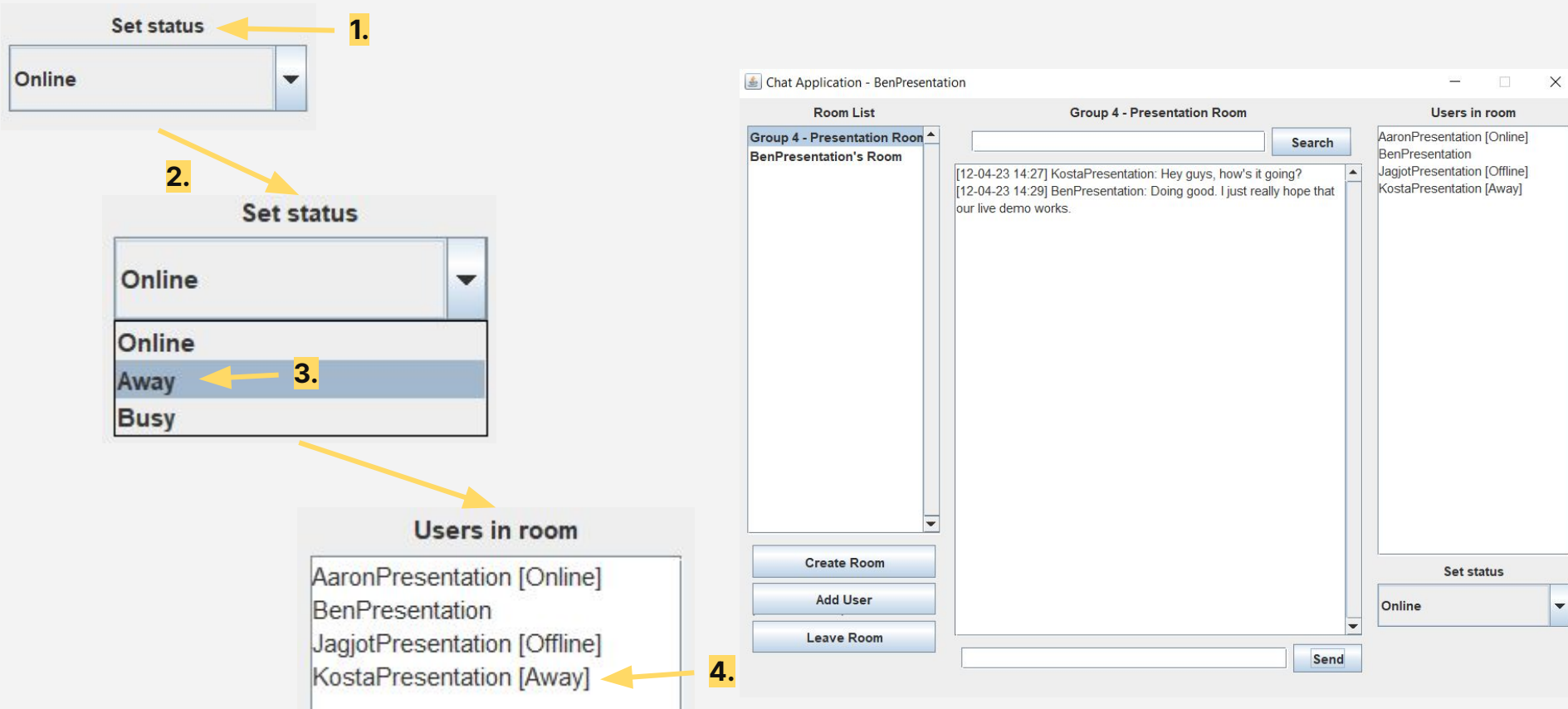
Use Case ID 3: Selecting a room

1. After entering a room, the user is presented with a text field
2. The user can input text into this field and press 'Send' to send the message



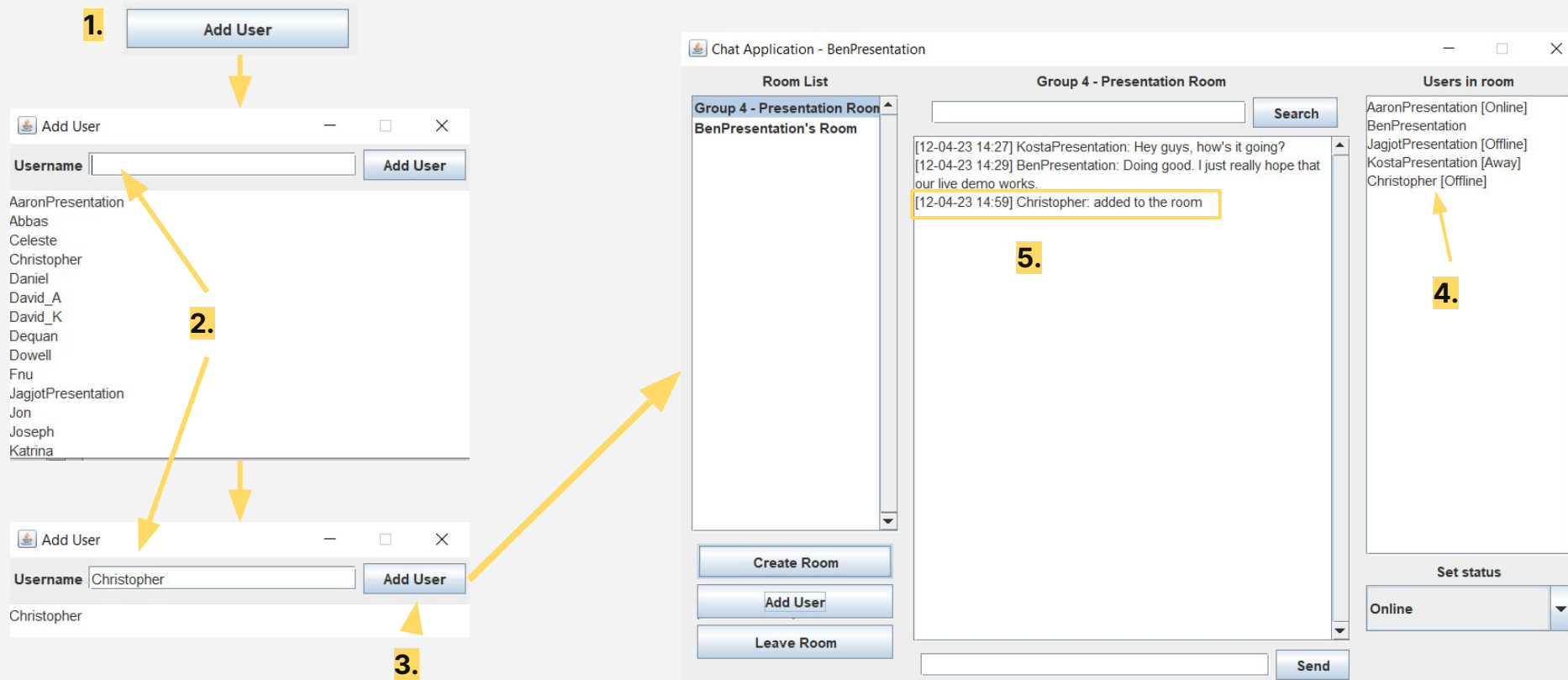
Use Case ID 4: Sending a message

1. After logging into the client, the user can see a “Set Status” button
2. Clicking this button opens a dropdown menu with a list of statuses
3. Clicking on a status will update their status to their selection
4. Other users will be able to see the updated status



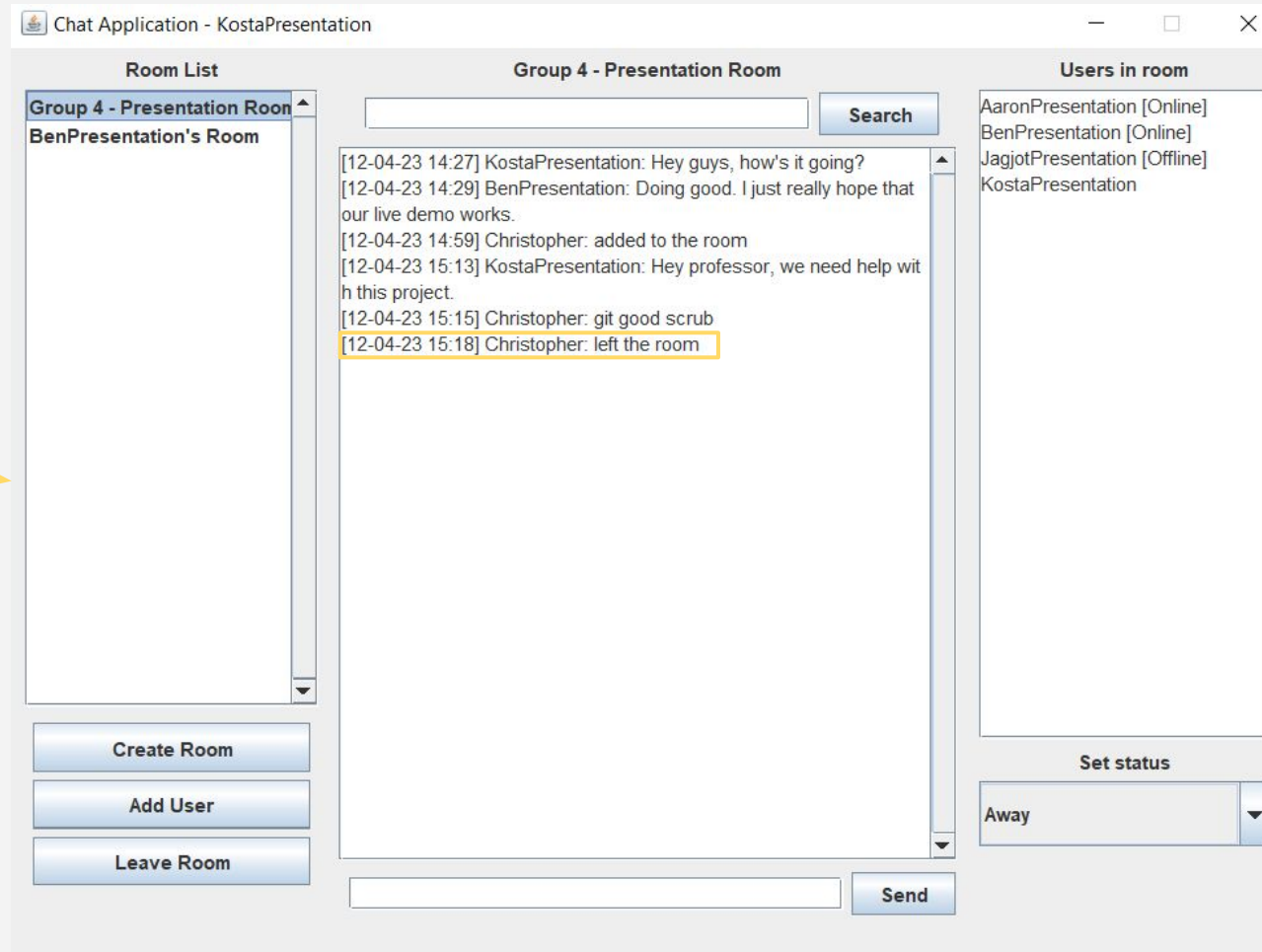
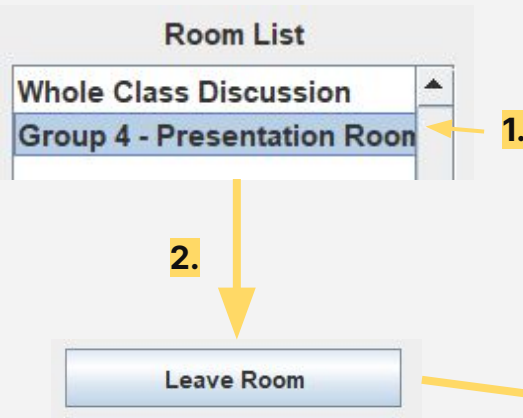
Use Case ID 5: Update User status

1. User selects the “Add User” button.
2. User types in name in field.
3. User selects the “Add User” button.
4. Added user appears in the room.
5. Message appears in the chat indicating a user has been added to the room.



Use Case ID 6: Add user to Room

1. User selects the room in the room list
2. User selects the "Leave Room" button
3. Users remaining in the room are notified.

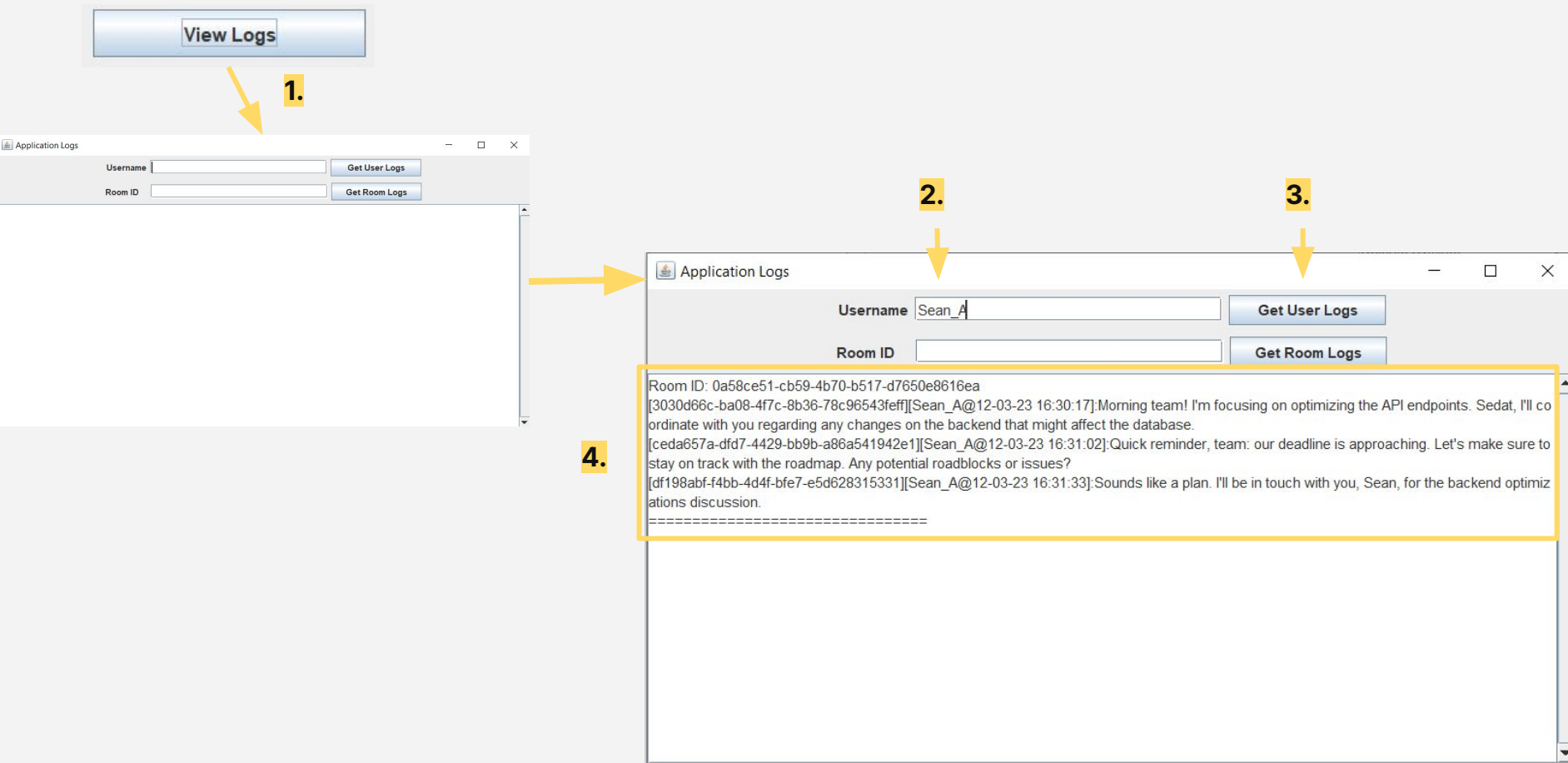


Use Case ID 7: Leaving a room

IT Use Case

Actions that IT users can take and their main flow.

- 1. IT user selects the “View Logs” button.
- 2. IT user types the name of the user to be audited in the “Username” field
- 3. IT user selects “Get User Logs” button.
- 4. That user’s logs are displayed.



Use Case ID 8:Reading Logs

1. IT user puts room uuid in “Room ID” field.
2. IT user selects “Get Room Logs” button
3. That room’s logs are displayed to the IT User

Application Logs

Username

Room ID

Room ID: 0a58ce51-cb59-4b70-b517-d7650e8616ea

1.

Application Logs

Username

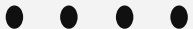
Room ID **2.**

3.

Group 1 - Communications
12-03-23 16:29:36
Joseph,Madison,Sean_A,Sedat,David_A,
[39f11b9c-d655-419d-bcda-cad1e1cb6576][David_A@12-03-23 16:29:50]:Hey team! 🍷 Checking in for our weekly sync. How's everyone doing?
[70418fba-79b5-4d8f-be40-1b4514d67aab][Joseph@12-03-23 16:29:56]:Hey David! Doing well, thanks. Just finished reviewing the latest pull
request from Madison. Looks solid, Madison!
[ae66b82b-f251-4d0d-856f-981fc59eb4ae][Madison@12-03-23 16:30:01]:Thanks, Joseph! I tried to address the feedback from the last meeting.
Let me know if there's anything else.
[ea70ec44-6379-47fb-a8da-fe43fcc49264][Sedat@12-03-23 16:30:08]:Hey everyone! Just a heads up, I'm going to be working on the database
schema today. If anyone has suggestions or specific requirements, feel free to share.
[3030d66c-ba08-4f7c-8b36-78c96543feff][Sean_A@12-03-23 16:30:17]:Morning team! I'm focusing on optimizing the API endpoints. Sedat, I'll
coordinate with you regarding any changes on the backend that might affect the database.
[97e15410-26fc-4f59-897f-21bb0de9d0ec][David_A@12-03-23 16:30:22]:Great updates, everyone! Madison, your changes look good to me.
Let's merge it after one more quick review. Sedat, Sean, let's sync up later today to ensure we're on the same page with the backend
optimizations.
[6692fa25-29e7-4a9b-9344-b8c52eacc7e5][Joseph@12-03-23 16:30:28]:Also, Madison, I noticed an opportunity to refactor a couple of functions
in the frontend. I'll create a separate branch and share it with you for feedback before merging.
[7d01836d-2bf5-47f7-88bc-2555df52aa51][Madison@12-03-23 16:30:35]:Sounds good, Joseph! I'll keep an eye out for it.
[f5d893e6-ee89-4f30-a96b-f0cb2dad7048][Sedat@12-03-23 16:30:43]:Quick question for the frontend team—do we have an updated design for
the user dashboard? I want to make sure the backend changes align with the UI.
[36c642b6-87cb-4091-800d-48a5abb9f98f][David_A@12-03-23 16:30:53]:Good point, Sedat. Madison, any updates on the design side?

Use Case ID 8:Reading Logs (alt)

Thank You



Class participation?

IF you have a "Client.jar" file sitting on your desktop, you can participate.

Navigate to: Start menu → cmd → "cd Desktop"

Run: "java -jar Client.jar <ip address for server>"

Username: canvas name

Password: "pass"

For Sean and David,
use "Sean_A" "Sean_K" or "David_A" "David_K"

