

# CS1653 Project P2 Demo Rubric

Group:

no such assignment

The following machines were used for this demo:

thompson	.cs.pitt.edu	gserver
kernighan	.cs.pitt.edu	fserver
ritchie	.cs.pitt.edu	client1
ritchie	.cs.pitt.edu	client2

Compile documentation:

javac \*.java in src directory

Connect group  
server

✓

Connect file  
server

✓

Disconnect  
group server

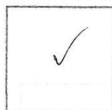
✓

Disconnect a  
file server

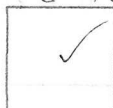
✓

Comments:

Create admin user



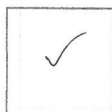
Log in, get token



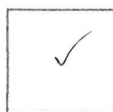
Comments:

Comments section for the first task. The area contains faint, mirrored text from the reverse side of the page, which is not legible.

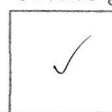
Create user



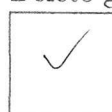
Delete user



Create group



Delete group



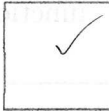
Comments:

Comments section for the second task. The area contains faint, mirrored text from the reverse side of the page, which is not legible.

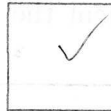
Add user to group



Remove user from  
group



List group members

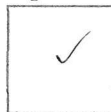


Comments:

List files



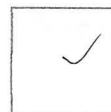
Upload file



Download file



Delete file



Comments:

The client crashed when trying to delete a non-existent file.

-2

## 1 Development questions

How did you implement the "list members" functionality? Demonstrate in your code.

Checks for group ownership. If the user is the owner, return the strings with the group members' usernames.

(GroupThread.java: 243)

How does the group server check whether a user is allowed to create a user? Demonstrate in your code.

Checks if the token contains the ADMIN group, and if so, creates the new user.

(GroupThread.java: 528)

How did you implement the "create group" functionality? Demonstrate in your code.

Checks for a valid token and that the group does not already exist. If so, it creates the new group.

(GroupThread.java: 667)

Did you complete any extra credit for this phase?

- GVI
- Principle of least privilege
  - Users can get domains with a subset of their groups.
- Unit tests using JUnit.

+8

wow! Save something  
for next phase!