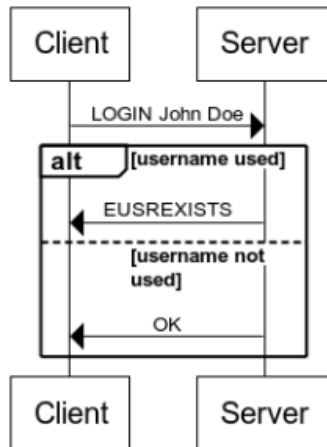
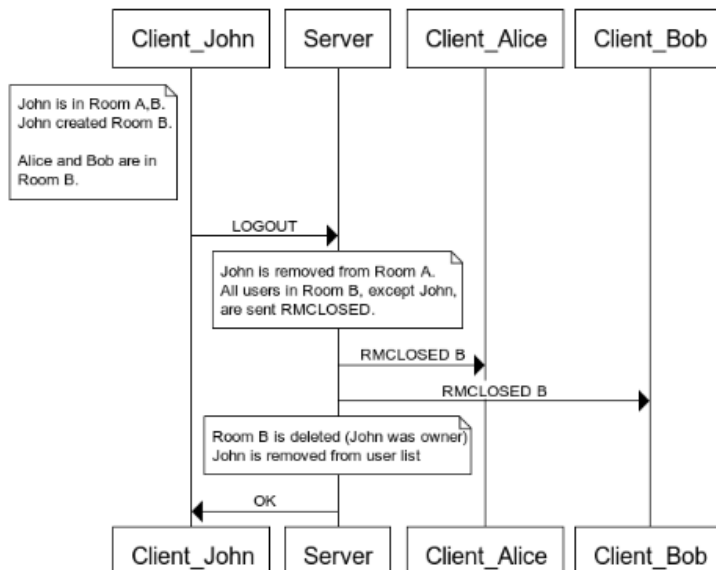


NOTE: These are visual representations of the protocol ONLY. The message type names are used for visuals comprehension and ARE NOT SENT as plain text characters via the socket. The message type values and length of the message body MUST be placed in the message header struct. Additionally, the length field of the header is not illustrated or specified in the figures.

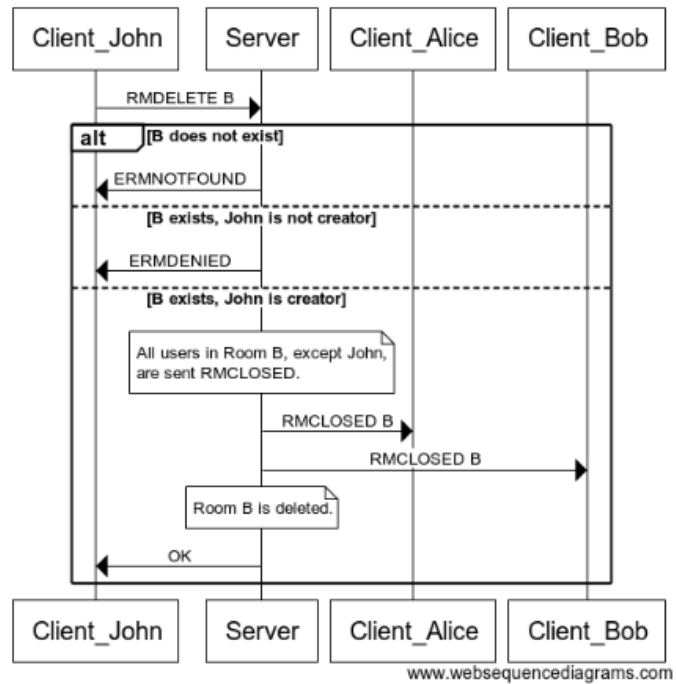
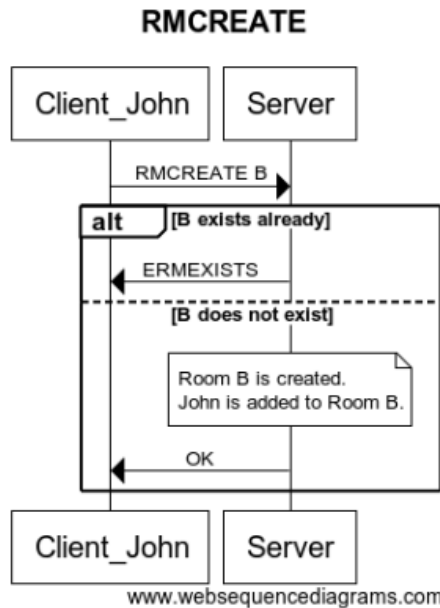
LOGIN



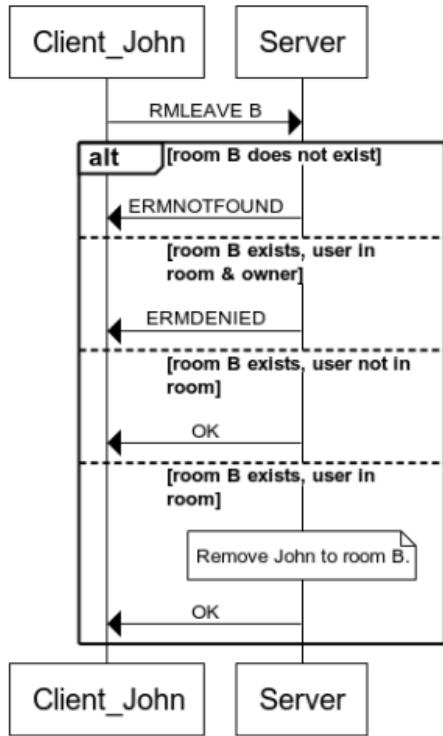
LOGOUT



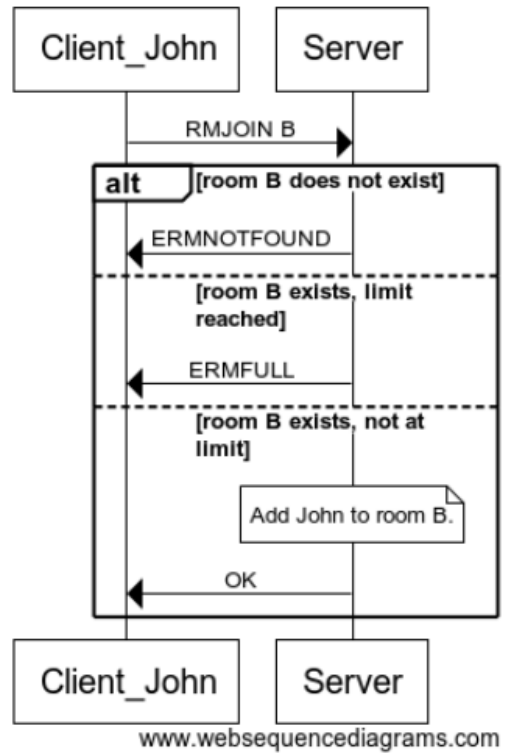
RMDELETE



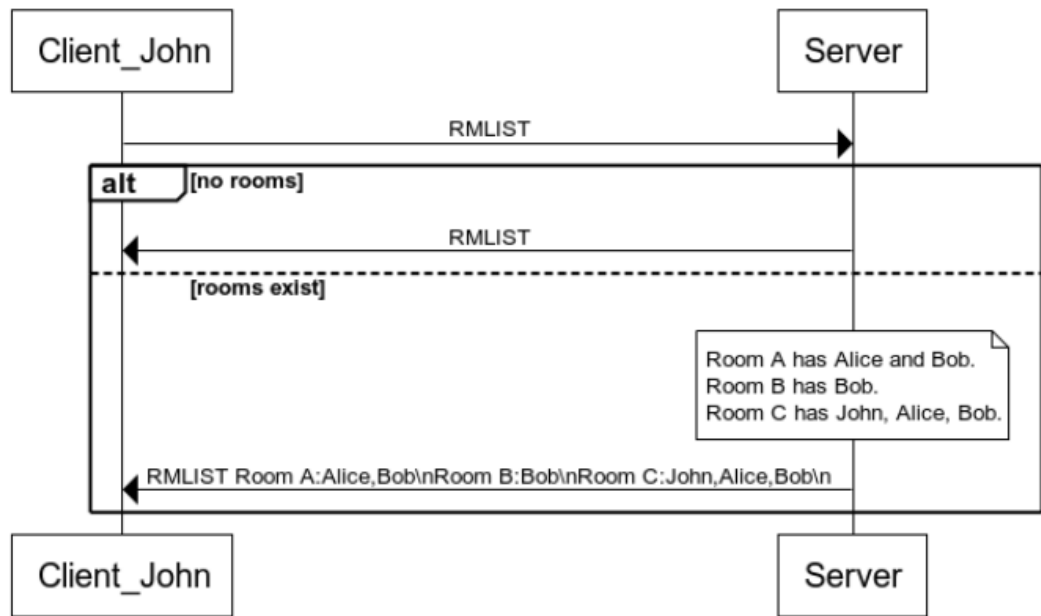
RMLEAVE



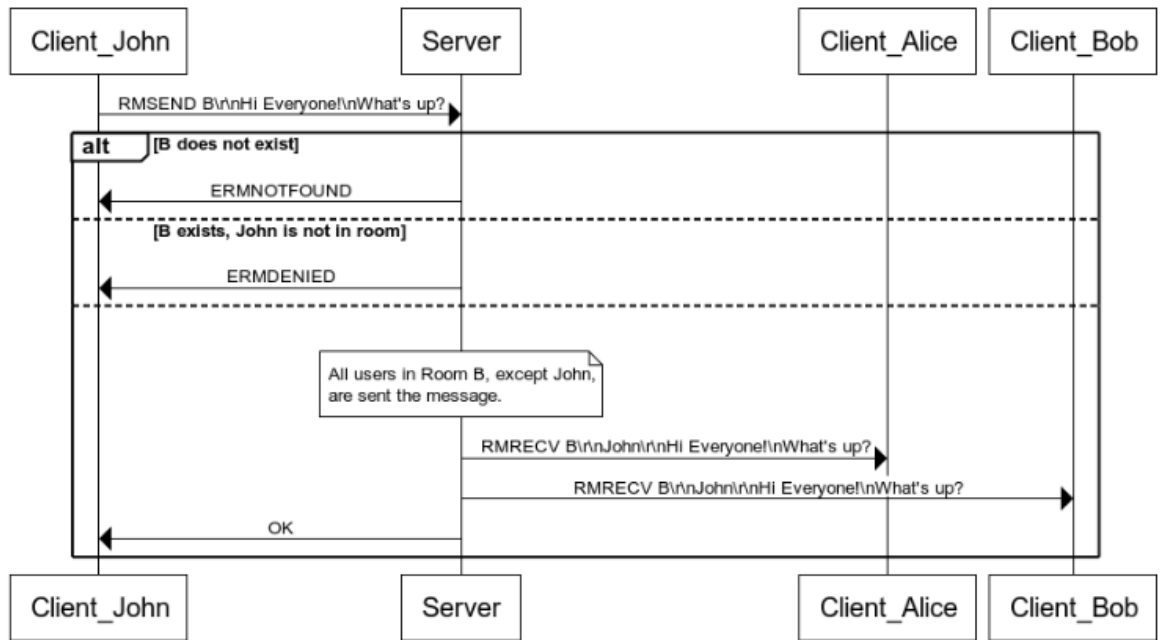
RMJOIN



RMLIST

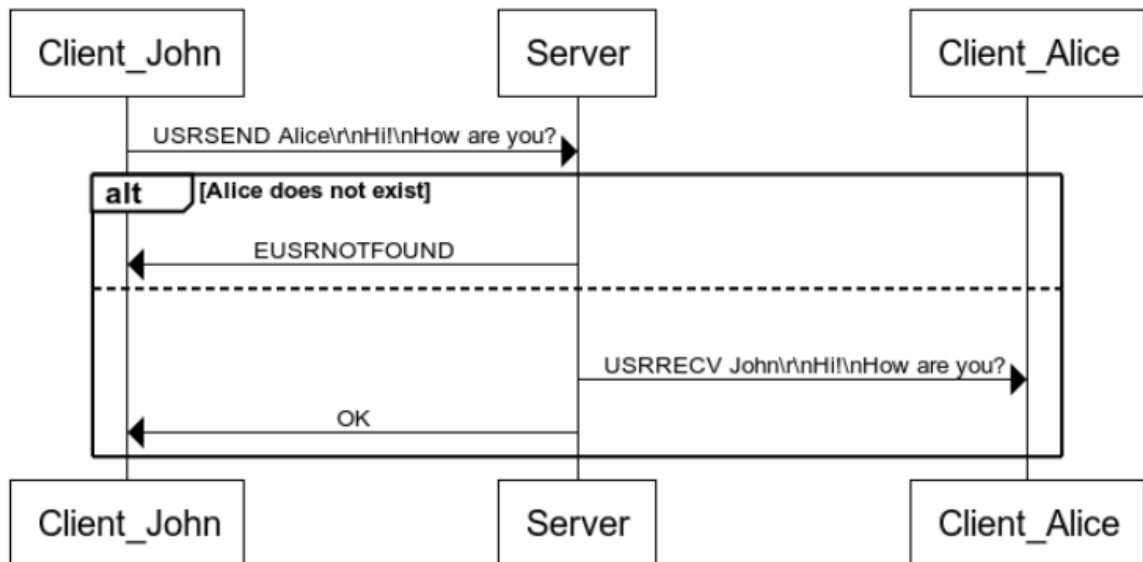


RMSSEND & RMRECV



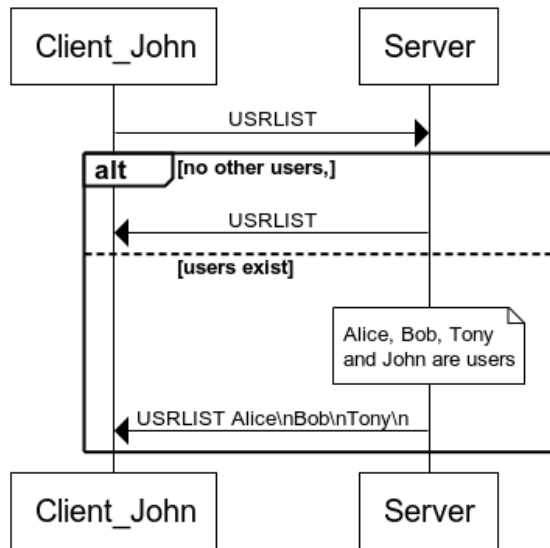
www.websequencediagrams.com

USRSEND & USRRCV



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USRLIST



Preparing and Submitting your Homework

Refer to HW#0 for instructions for how to prepare your HW tar file.

Add a readme file to your directory with the names & netids of both group members, and /or place the names in comments at the top of your server.c file.

Name your tar file with the group# **fp_group#.tar** Upload **fp_group#.tar** to Gradescope under the assignment, "Final Project" for both partner names, grouping together the two partners, as shown below:

The screenshot shows the Gradescope submission interface. On the left, a terminal window displays the output of a program. The top section, '2) Simple Create Room (0.0/2.0)', is marked as failed. The terminal output shows a series of commands and responses, including 'LOGIN 6 peter', 'RMCREATE 5 test', and 'RMLIST 0'. The bottom section, '3) Create and Delete Room (0.0/2.0)', is also marked as failed. On the right, a sidebar shows the 'GROUP' as 'CLAIRE MOORE' and the 'AUTOGRADER SCORE' as '2.0 / 25.0'. Below the score, a list of 'FAILED TESTS' is shown, including 'Simple Create Room (0.0/2.0)', 'Create and Delete Room (0.0/2.0)', 'Create, Join, and Delete a room (0.0/2.0)', 'Chatting to Professors (0.0/2.0)', 'Multiple Chatters (0.0/2.0)', 'A Rambling Client (0.0/2.0)', 'Rambling to Oneself (0.0/2.0)', 'Minimum Limits (0.0/2.0)', 'Room Errors (0.0/1.0)', 'Cycling the Limits (0.0/2.0)', 'User Clobber (0.0/2.0)', and 'Serenading (0.0/2.0)'. At the bottom, a 'PASSED TESTS' section shows 'Setup (0.001/0.001)' and 'Login Client (2.0/2.0)'. A 'Resubmit' button is visible at the bottom right.

Click on the "Add Group Member" link, which should take you to the dialogue below:

The screenshot shows the 'Group Members' dialog box. The dialog has a title bar 'Group Members' and a subtitle 'Add students to your submission.' Below the subtitle, a message states: 'Your instructor has allowed you to submit as a group of up to 2 people. You can change the group below. Students added or removed will be notified via email.' The dialog contains a table with two columns: 'STUDENT' and 'REMOVE'. The table lists 'CLAIRE MOORE' with a 'Remove' button next to it. Below the table, there is an 'Add Member' button and a 'Cancel' button.

From there, you can click "Add Member" and select your partner's name from the drop-down list. Press the "Save" Button which then appears. [5/24/20 @ 5:00pm added instructions for adding Gradescope Groups]

(Don't forget to replace group# with your group number from Canvas! For example: If your group# is 7, then you would name your submission **fp_7.tar**)

我的 group 是 124