

Wyo Data Structures

Ch4Proj5.cpp

Modify Ch4Proj4.cpp with the following additional specifications.

Un-comment out the unreadMessages member of the User struct.

When a user successfully logs in, his unread messages should be read into the appropriate unreadMessages member of the subscribers vector (in addition to all of the username and passwords.) That user's unread messages data file should be erased at that time as well since the messages have now been read into the subscribers vector (i.e. his mail has been downloaded from the server.)

Now the user can send and read email but when he sends email he must be prompted to input a valid username. If he inputs a valid username (his or someone else's), he can send a message which must then be stored into the appropriate unreadMessages member of the subscribers vector.

When the user exits (i.e. logs out), all queued messages must be appended to the appropriate sequential text file and the first record of each text file (i.e. number of messages contained in the file) must be updated.