

Assignment 6 README
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The goal of this assignment was to design an OpenSSL message board using a salted hash to store passwords in a username/password server file. We have a working username/password login code that we tried to implement with our multithreaded server file which we wrote in python. As it stands, our server runs on a hardcoded port that is easily changeable. The server generates an OpenSSL certificate. The client connects to the server and the server spawns a thread to handle all client operations. The server sends the domain.crt file to the client who can verify the certificate with the key file. The server should then continue to the login portion of the python code which upon successful login will allow the client to interact with the message board. The usernames and passwords are stored in a file called accountfiles.txt. The passwords are stored as a salted hash. We were unable to get everything working together but really did give it an honest effort