Project Demo Plan

1. Alec displays and describes the diagram describing the server setup (alec's slide)
2. Trent describes a diagram describing the verbose back and forth (tcp 3 way handshake, then tls certificate component, then program back and forth ip, login, response)
    a. Quick show of the RFC written out to match the style of actual RFCs. This will mirror the diagram in #2
3. Alec runs the client program first and shows no connection.
4. Trent runs the server program.
5. Then Alec runs some of these: (probably not all because that could be tedius)
    a. Bad login x1
        i. ./client.py --hostname tsz.us --port 11030 --username joey --password 1234badpw --account amazeeon --action read
    b. CREATE,
        i. ./client.py --hostname tsz.us --port 11030 --username joe --password 1234badpw --account amazeeon testpwww --action create
    c. READ
        i. ./client.py --hostname tsz.us --port 11030 --username joe --password 1234badpw --account amazeeon --action read
    d. UPDATE,
        i. ./client.py --hostname tsz.us --port 11030 --username joe --password 1234badpw --account amazeeon newpw --action update
    e. DELETE
        i. ./client.py --hostname tsz.us --port 11030 --username joe --password 1234badpw --account amazeeon --action delete

    f. Bad READ,
        i. ./client.py --hostname tsz.us --port 11030 --username joe --password 1234badpw --account noexistt --action read
    g. bad UPDATE,
        i. ./client.py --hostname tsz.us --port 11030 --username joe --password 1234badpw --account noexistt dsad --action update
    h. bad DELETE
        i. ./client.py --hostname tsz.us --port 11030 --username joe --password 1234badpw --account noexistt --action delete

    i. Bad login x5 to display a failed ip check
6. Trent talks about future ideas not implemented in time and flaws (FIDO2 as future idea and SQL injection as flaws