Rounds = 0

Tries = 3

Display menu

1. Login 3. Change Password

2. Sign Up 4. Forgot Password

if choice 1

while (round is not equal to 3){

while (tries is not equal to 0){

Ask for username

Ask for password

Read in username

Read in password

Check username

Check password

Subtract 1 from tries

If (password and username are correct)

Access is granted

call a different function

else

incorrect username or password

display menu

1. Return to login
2. Forgot username or password

If(choice is equal to 2)

Call new function to verify

} // second while loop ends here

add 1 to rounds

if tries is equal to 0 and round is equal to 1

{

tries is equal to 1

display account suspended for 15 minutes

go to a function that checks time

}

if tries = 0 and round = 2

{

tries = 1

display

account suspended for 1 hour

go to function that shows time left

}

tries = 0 and rounds = 3

{

tries = 1

display

account suspended for 24 hours

go to function that checks time left

}

}// ends first while loop

if round = 4 and tries = 0

{

display

account is frozen

speak to a technician

}