

Projects 4 and 12

GOAL:

Implement user access control into our HMI to include multiple users with credentials and distinct levels of access to system controls.

SUMMARY:

Obviously we're going to be creating three user accounts and setting some permissions in this project.

We want to create a login screen which will allow users to log in, log out, see who's logged in, and there's something more:

There are two levels of access we want: "System Record" access and "System Configuration" access. On the login screen, we will want to see which access levels are enabled for each of our three users. These indicators should be tied to the security classes and reference internal (HMI) memory.

Of our three users, one should have control access, the second should have configure access, and the lucky number three should get both.

System record access should be required to reset the hourmeter or the cycle count (to be implemented in Projects 5 and 13). System configuration access is required to change the setpoints (to be implemented in Projects 6 and 14).

TAG USAGE:

Internal HMI memory