

A controller aside to home door on Arduino Due R3

In this Controller you can

1. Open door by username and password (Servo)
2. Add user (max to 5)
3. Delete user
4. Play and stop music (Buzzer)
5. See online and set temperature (use up and down buttons to set and for back hold 'Esc' key) (LM 35 temp sensor and use 2 relays for turn on and turn off cooler and heater)
6. See humidity

Also at any moment that temperature goes above a certain value, an interrupt occurs and door opens automatically.

To move through the menu use right and left and up and down keys.

And for enter and use options press "ENT" keys on the keypad.

For example, after reaching to 'Set Temperature', use 'ENT' for setting.

Picture of assembling and parts





