**HOW TO USE THE HUMAN USER INTERFACE (ARDUINO NANO)**

First, the system will initialize all functionalities (UART, LCD, RTC, SD), then it will wait for the master esp32, when master is ready, it will move into the main display.

The main display will contain 5 option, you can change the PID, sTemp and sFlow value. These are the PID parameters, the set temperature (the temperature you may want to apply PID to) and the set flow sensor (the flow sensor values you may want to apply PID to)

The rest (temp and flow) are just for monitoring, you cannot change it. It will be updated from the esp32, the interval of the update will depend on your application code.

(using the function PIDsendToMaster(float\*); sTempSendToMaster(uint16\_t\*); sFlowSendToMaster(uint16\_t\*); in the UART.h and UART.cpp component)