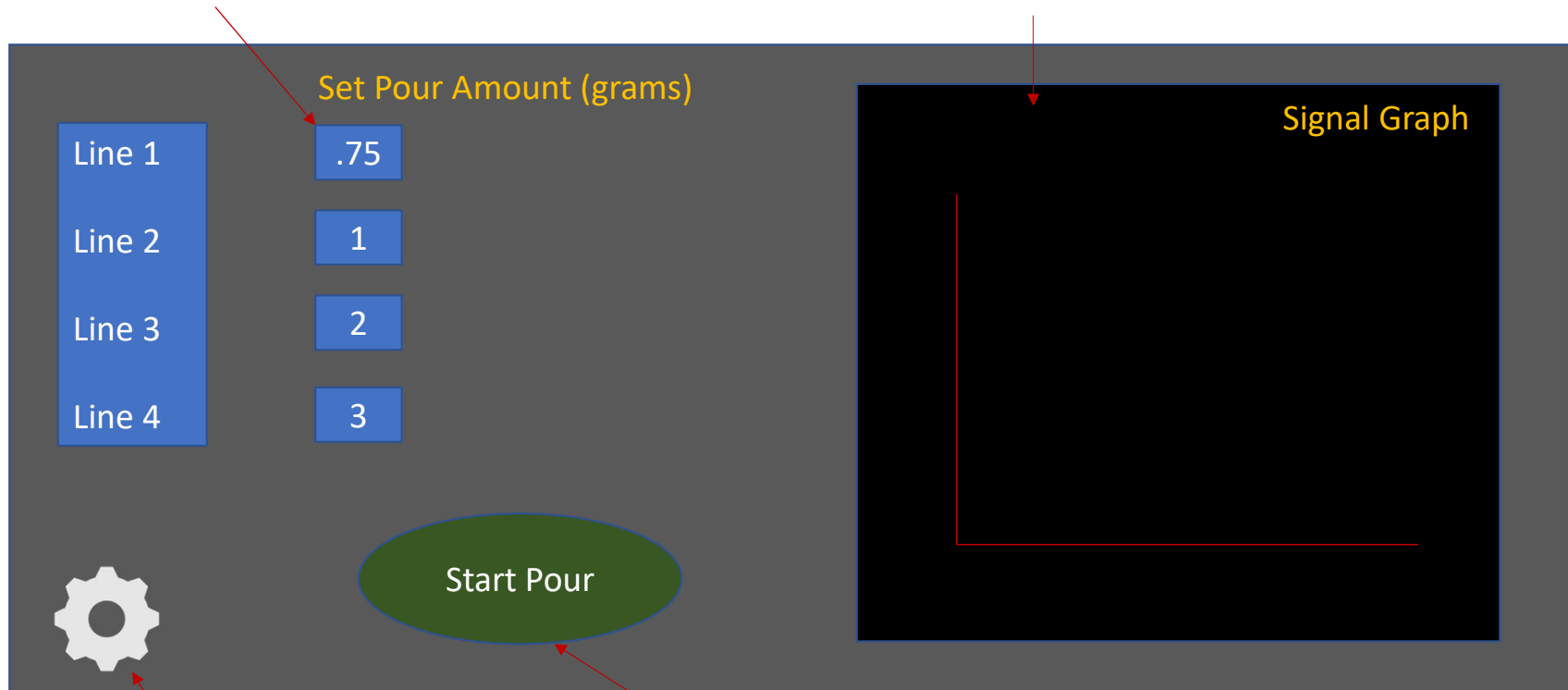4 buttons that on mouse click let you select from preset values 0, 0.75, 1, 1.5, 2, or 3. The values should pop up as a set of buttons.
Values are set in POUR_VALUE_S1, POUR_VALUE_S2, POUR_VALUE_S3, POUR_VALUE_S4 as decimal numbers

GRAPH OF VALUES - Voltage_S1, Voltage_S2, Voltage_S3, Voltage_S4 over time
Y axis: MIN 0, MAX 12
X axis: the 4 values plotted over 30 seconds (continuously updates)
UPDATES AT A SMOOTH RATE (10 HZ)

Set Pour Amount (grams)

Signal Graph

Line 1

Line 2

Line 3

Line 4

.75

1

2

3

Start Pour

Button that on mouse click shows a 2nd settings and calibration screen

BUTTON THAT ON MOUSE CLICK SETS POUR_CONTROL TO 1

Have a list or table of the registers shown and display the initial values when the screen first loads. Clicking on each register lets you type in a new value and then sets that new value when it's changed. Using a keyboard to enter the value is OK.

Read device and display registers updating continuously (1 Hz)

Button that exits the GUI after asking "ARE YOU SURE?"

Settings & Calibration

STATUS

Voltage_S1	12
Voltage_S2	12
Voltage_S3	12
Voltage_S4	12
Flow_S1	0.01
Flow_S2	0.02
Flow_S3	0.03
Flow_S4	0.04
RTD_S1	22.1
RTD_S2	22.5
RTD_S3	22.6
RTD_S4	22.8
UNIT_STATUS	1

X

FLUID CALIBRATION SETTINGS

SENS_COFF_A_S1	1.357
SENS_COFF_A_S2	.00549
SENS_COFF_A_S3	1.568
SENS_COFF_A_S4	.00004155
SENS_COFF_B_S1	35
SENS_COFF_B_S2	35
SENS_COFF_B_S3	35
SENS_COFF_B_S4	5

DAQ SETTINGS

CALIBRATION_S1	45500
CALIBRATION_S2	45508
CALIBRATION_S3	45518
CALIBRATION_S4	46123

POUR SETTINGS

Pour_Control	1
POUR_VALUE_S1	0.75
POUR_VALUE_S2	1.25
POUR_VALUE_S3	1.75
POUR_VALUE_S4	1.25

Write Flash

AutoCalibrate DAQ

Button that asks "ARE YOU SURE? THIS CAN TAKE 5 MINUTES" then Sets register CALIBRATE_SENSORS to 1 after yes is selected

Button that goes back to the main screen

Button that asks "ARE YOU SURE?" then sets register WRITE_FLASH to 1 after yes is selected