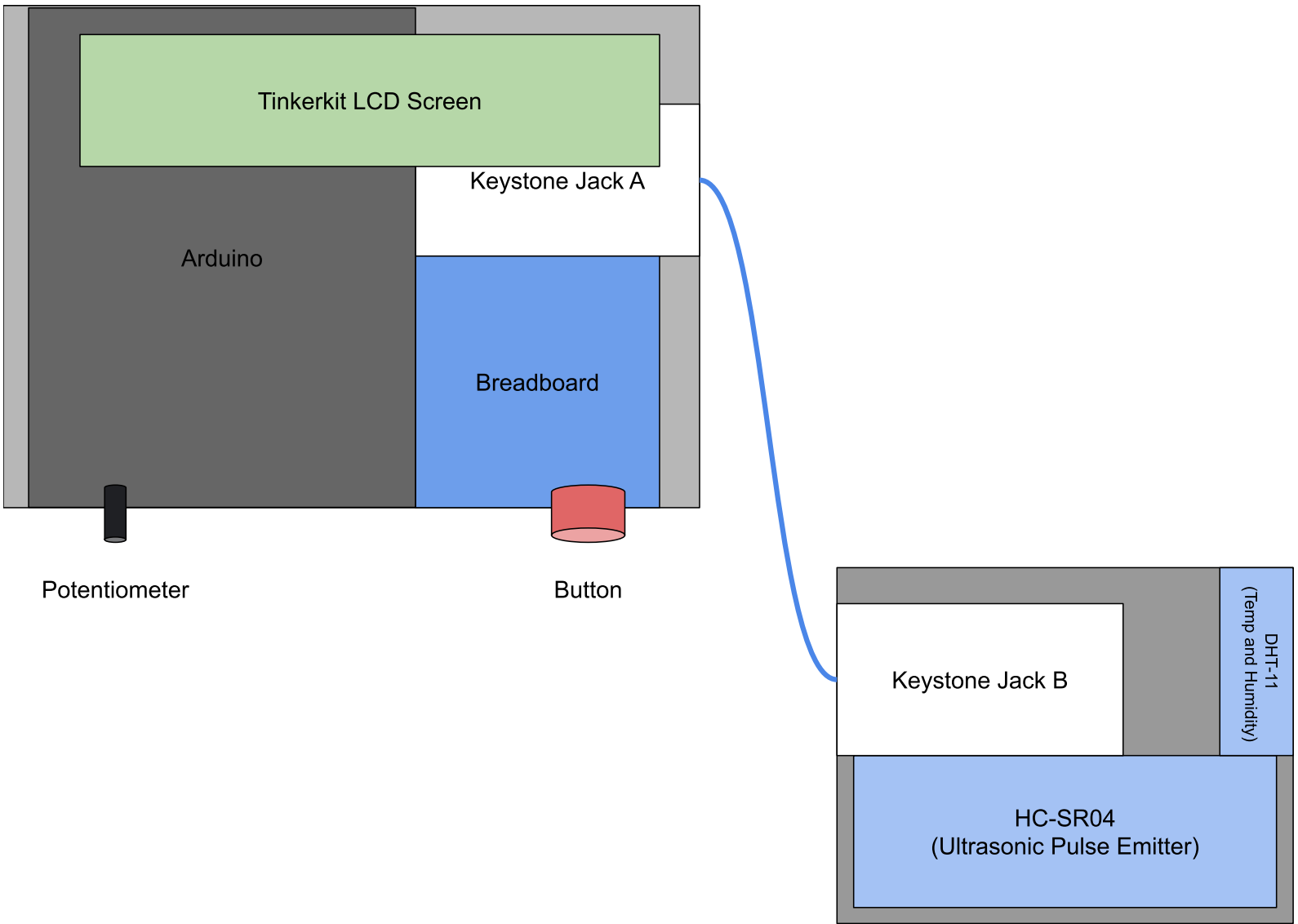
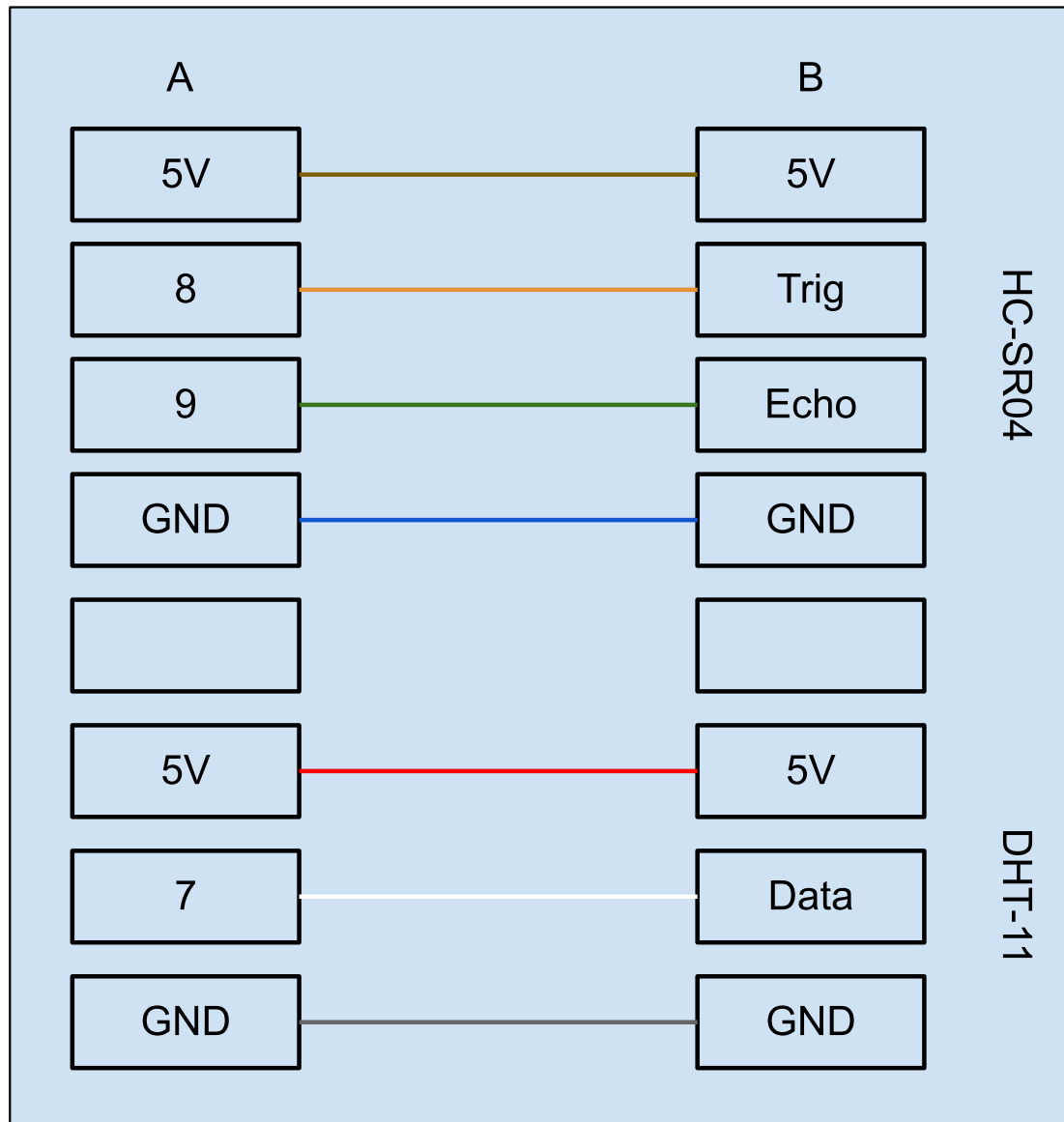


Hardware Diagram



Keystone Jack Configuration



Drop Test Machine Arduino Project

By Ishaan Banwait with mentorship from Arash Jenab, PhD, P.Eng., PMP

August 31, 2023

Arduino Pin Allocation

Pin on Arduino	Purpose
4	SD Card Shield
11	SD Card Shield
12	SD Card Shield
13	SD Card Shield
A0	LCD RS
A1	LCD Enable
A2	LCD D4
A3	LCD D5
A4	LCD D6
A5	LCD D7
6	Button Signal
7	DHT-11 Data
8	HC-SR04 Trig
9	HC-SR04 Echo

Resistor Locations

- 10k Ω resistor from button to ground
- 220 Ω resistor from LCD + to 5V