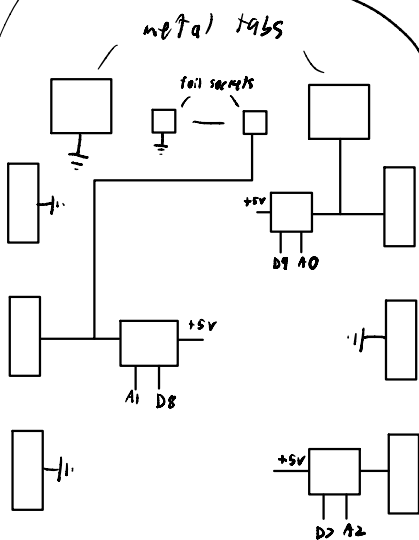
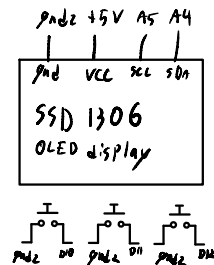
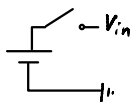


The components used are:
 3x LM317 voltage regulator
 3x 2N2222A NPN transistor
 3x 10Ω resistor
 3x 10kΩ resistor
 3x pushbuttons
 1x SSD1306 OLED display
 1x 9V battery socket
 1x 9V battery
 1x Arduino nano
 1x Power switch



all gnd connections
 gnd1



Di/o and Ai/o refer to digital and analog input/output pins respectively on the Arduino.

There are two ground pins on the Arduino gnd1 refers to one, and gnd2 to the other.

Each circuit element is labeled with the Arduino pin they connect to.