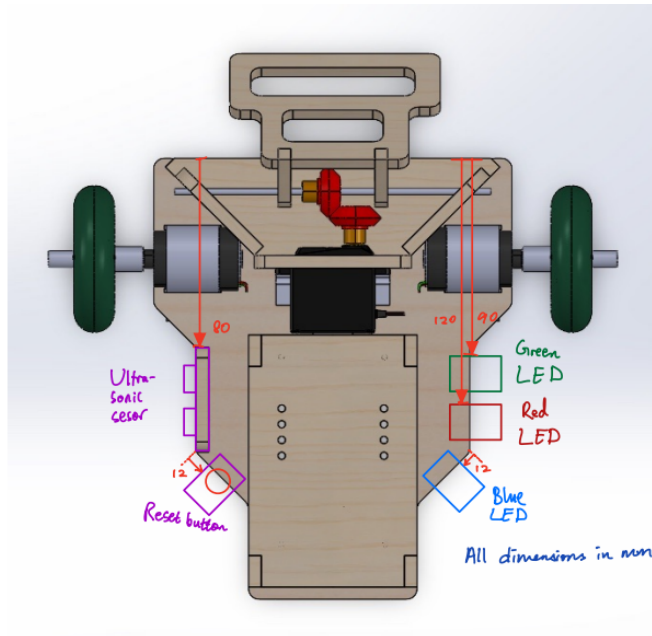


# IDP M107 Electrical Team Documentation

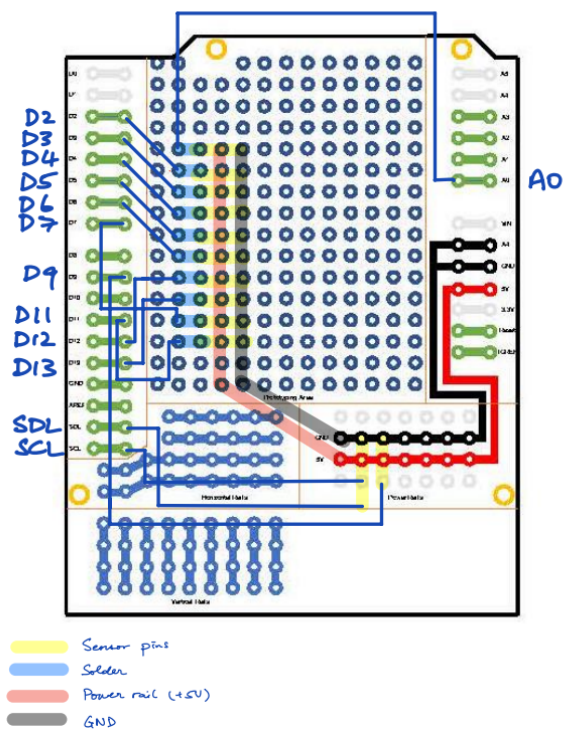
Connie Yuan(ry297), Anson Leung(hki22)

## Sensor Placement

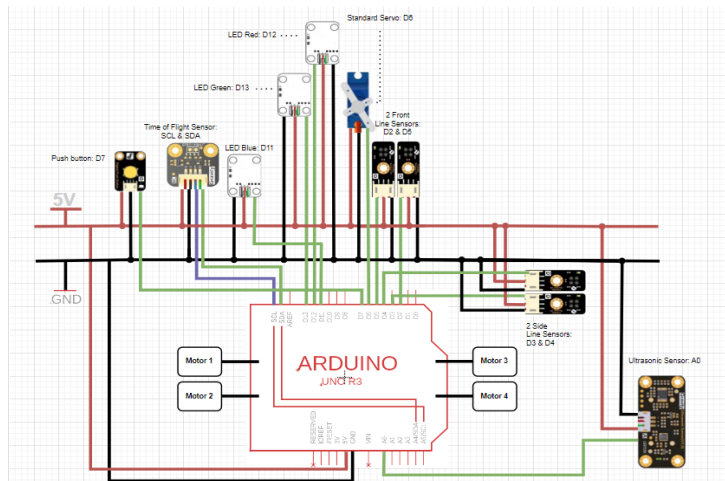


## Prototyping Board Layout

Prototyping Board layout



## Arduino Layout



## Pin Allocation

- A0 - Ultrasonic Sensor
- D2 - Back Right Line Sensor
- D3 - Side Left Line Sensor
- D4 - Side Right Line Sensor
- D5 - Back Left Line Sensor
- D6 - Standard Servo
- D12 - Red LED
- D13 - Green LED
- D7 - Push Button
- D9 - Blue LED
- SCL & SDA - Time of Flight Sensor