Figure 2B - MCU 2 (Arduino UNO) Connections build in text:

Green LED 1:

Connected to A5 pin of Arduino UNO.

There's a 330R resistor between the LED and the +5V power source.

Red LED 2:

Connected to A4 pin of Arduino UNO.

Similarly, it also has a 330R resistor between the LED and the +5V power source.

Piezo Buzzer:

Connected directly to pins 8 of the Arduino UNO.

5804 Stepper Driver:

Dir: Connected to pin 13 of Arduino UNO.

Step\_input: Connected to pin 12 of Arduino UNO.

Half Step: Connected to pin 7 of Arduino UNO.

One Phase: Connected to pin ~6 of Arduino UNO.

(The wavy lines/tilda means PWM/Power modulation which allows us to digital write)

DRV8833 Dual Motor Driver:

A1 IN: Connected to pin ~5 of Arduino UNO.

A2 IN: Connected to pin ~11 of Arduino UNO.

Futaba Servo:

Control wire: White Sig(Signal) wire Connected to pin 4 of Arduino UNO.

Communication with MCU 1 (Figure 2A): Table in the bottom left corner

"MCU1 - Pin 8" is to be connected to "MCU2 - Pin 9" (Arduino UNO).

"MCU1 - Pin 9" is to be connected to "MCU2 - Pin 10" (Arduino UNO).

Power:

Components like LEDs, Stepper Driver, and Motor Driver are powered by a +5V source, are grounded, with some having 330R resistors in between. The main devices are the stepper motor connected to the stepper drive, the futaba servo, the 2 LEDs mentioned and the DC Motor with encoder connecter to the Dual Motor Driver