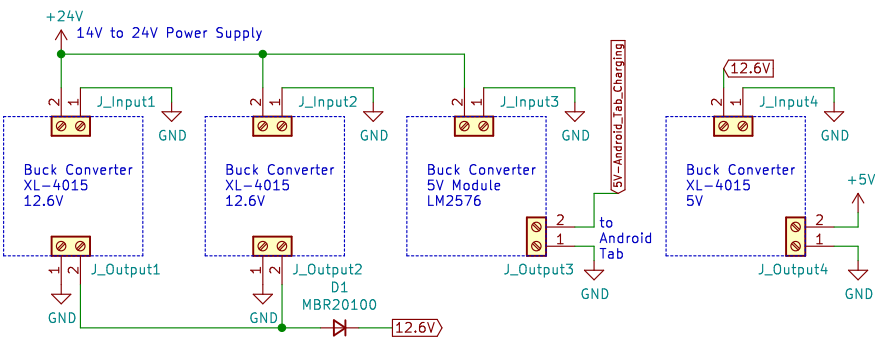
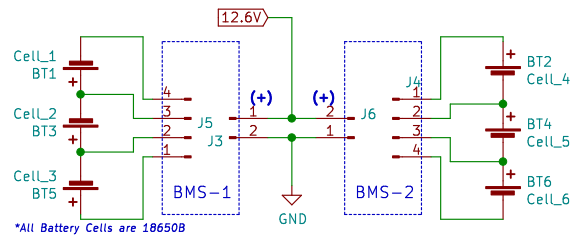


# Turbine-based Ventilator Schematic

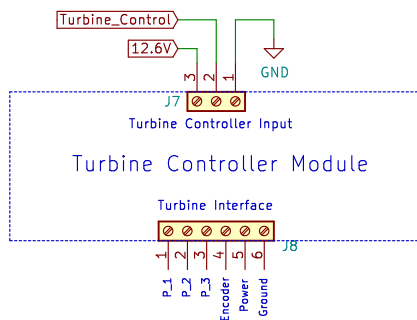
## Power Distribution



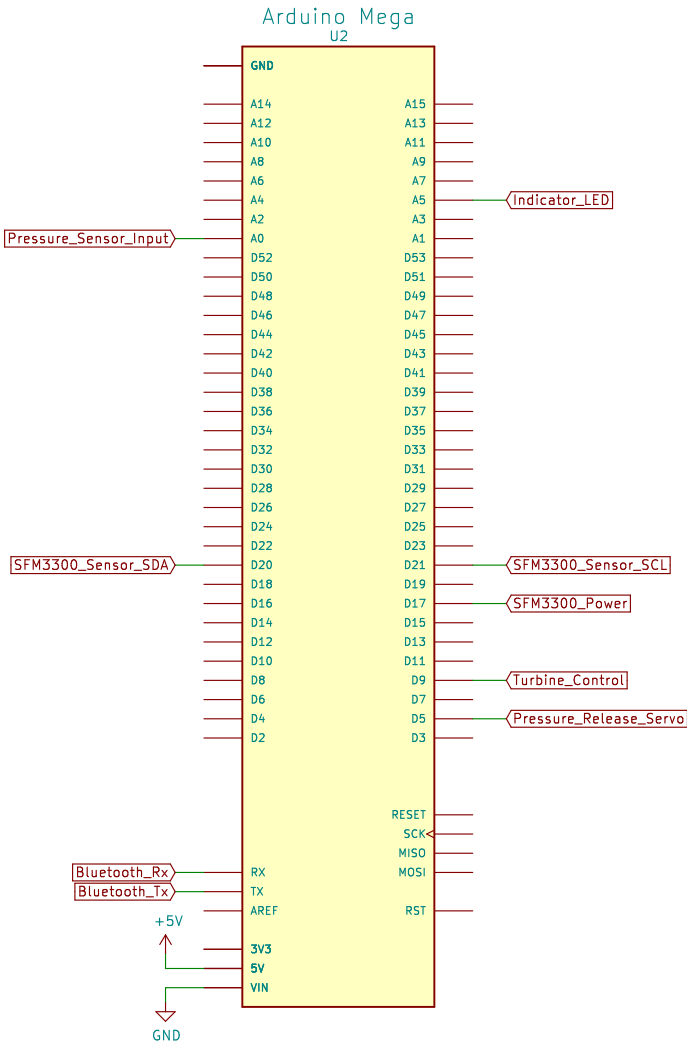
## Dual Battery Management System (BMS)



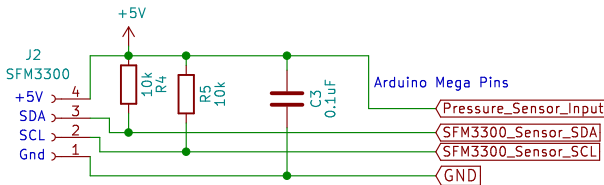
## Turbine Controller Module



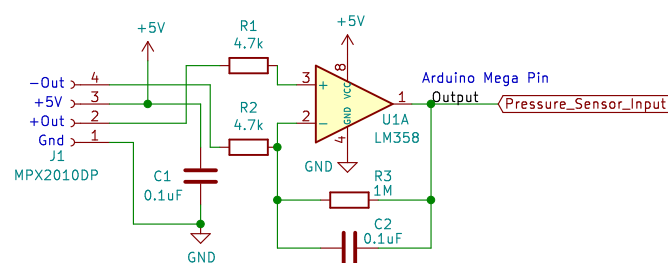
## Microcontroller (Arduino)



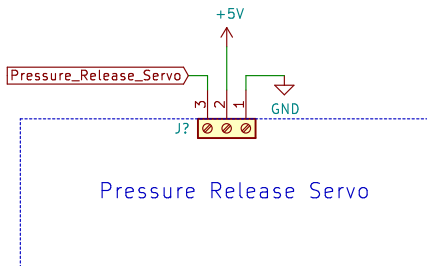
## SFM3300 (Flow Meter)



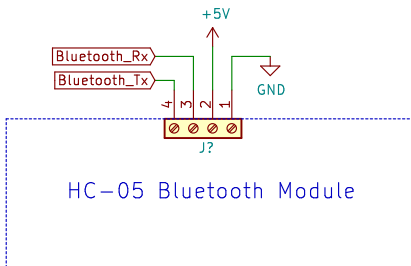
## MPX2010DP (Differential Pressure Sensor)



## Pressure Release Servo



## HC-05 Bluetooth Module



Designed by: Shovon S Saha

Sheet: /  
File: Ventilator.sch

**Title: Turbine-based Ventilator**

Size: A3 Date: 2022-03-30  
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Rev:  
Id: 1/1