

**Self reliant vertical garden
with controllable web
application**

Experiment sample

Experiment Sample

Mushroom: - Short Life span

- Need Specific Environment to grow (28 c/ 80% humidity)



Experiment Sample

- Information gather: Mushroom farm in Pathumthani
- Factors: Humidity, Temperature

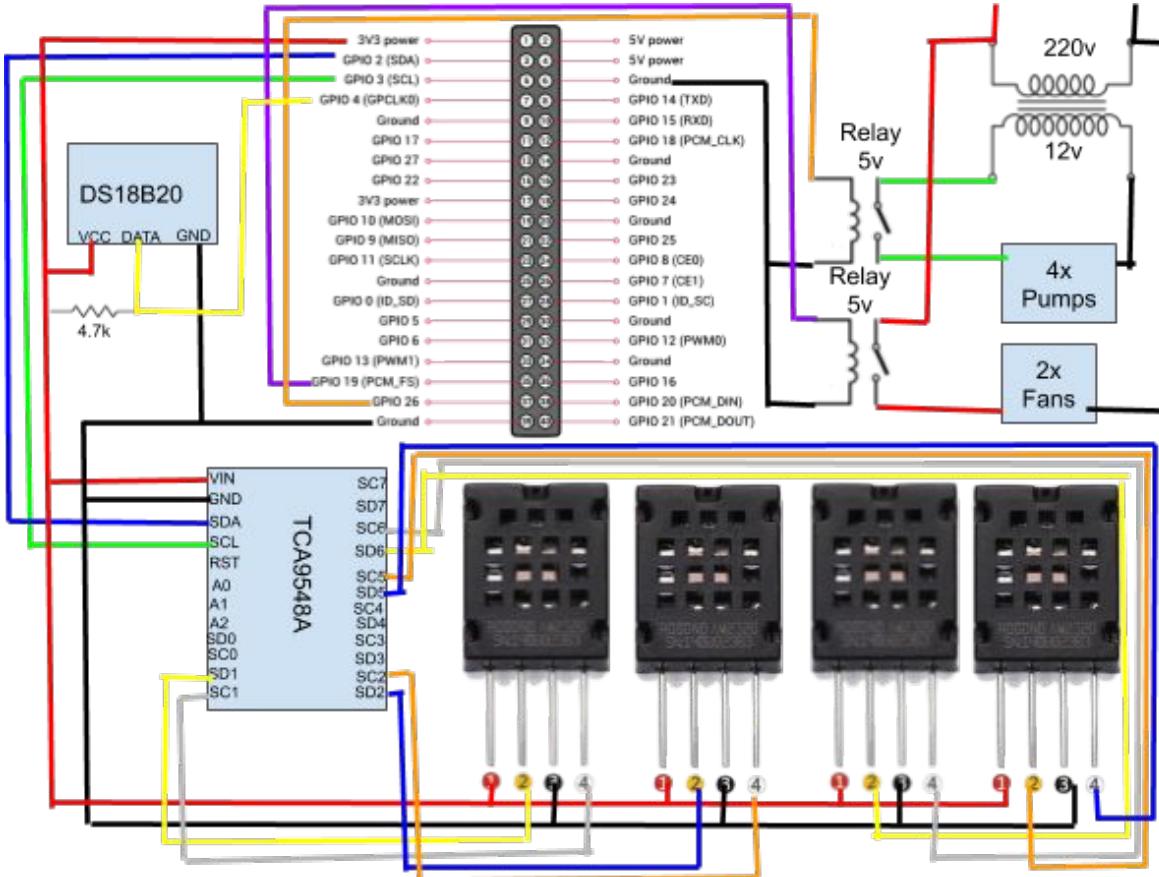


Experiment Sample

- Information gather: Mushroom farm in Pathumthani



Hardware aspects

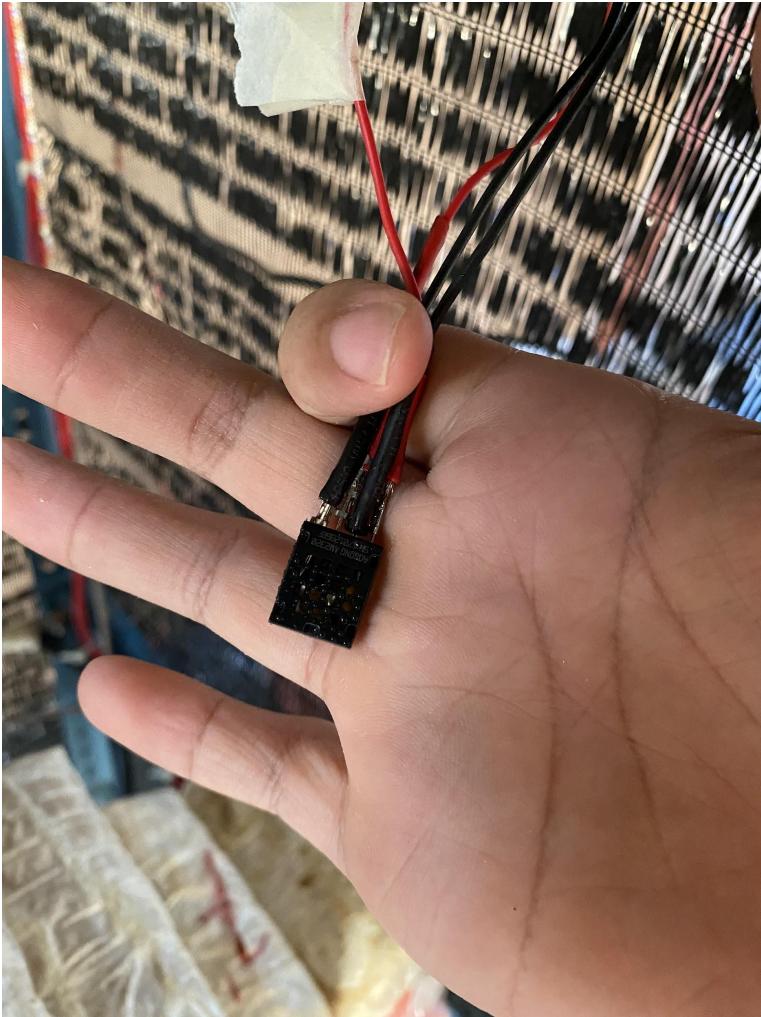


Model

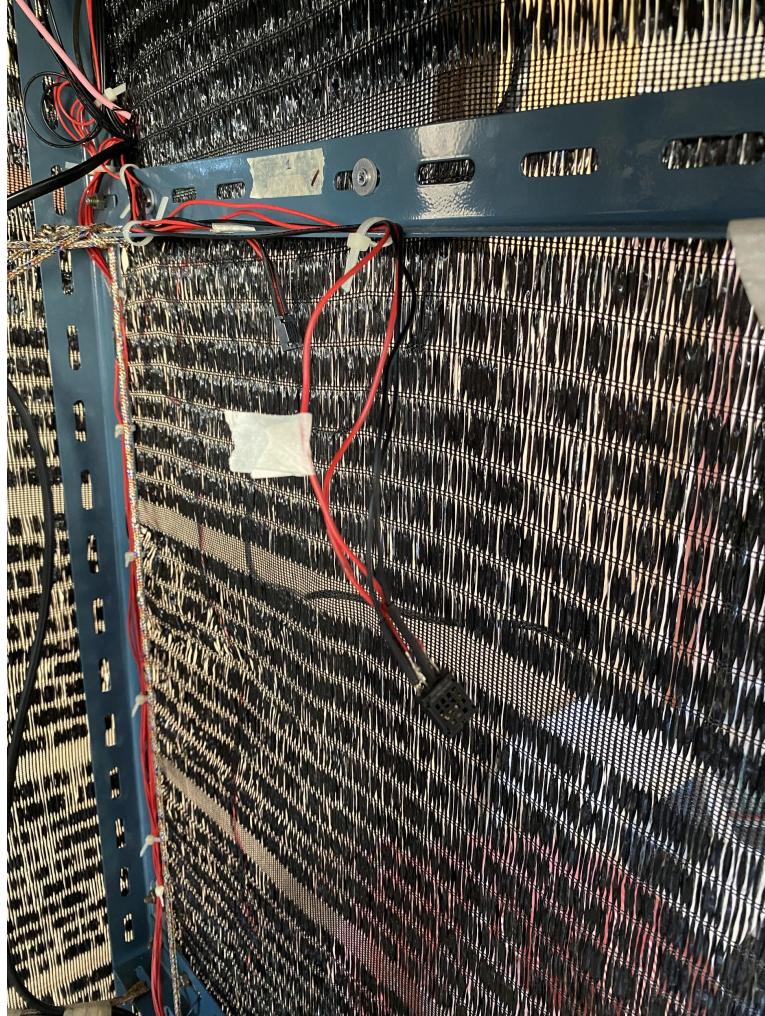
Control System:

Temperature (°C)	Humidity(%)	Ventilators	Pump
Less than 28*	Less than 80*	Not working	Working
Less than 28	More than 80	Working	Not working
More than 28	Less than 80	Working	Working
More than 28	More than 80	Working	Not working

Mechanical aspects







Conclusion

- Substitution human works.
- Better quality control.

Thank you