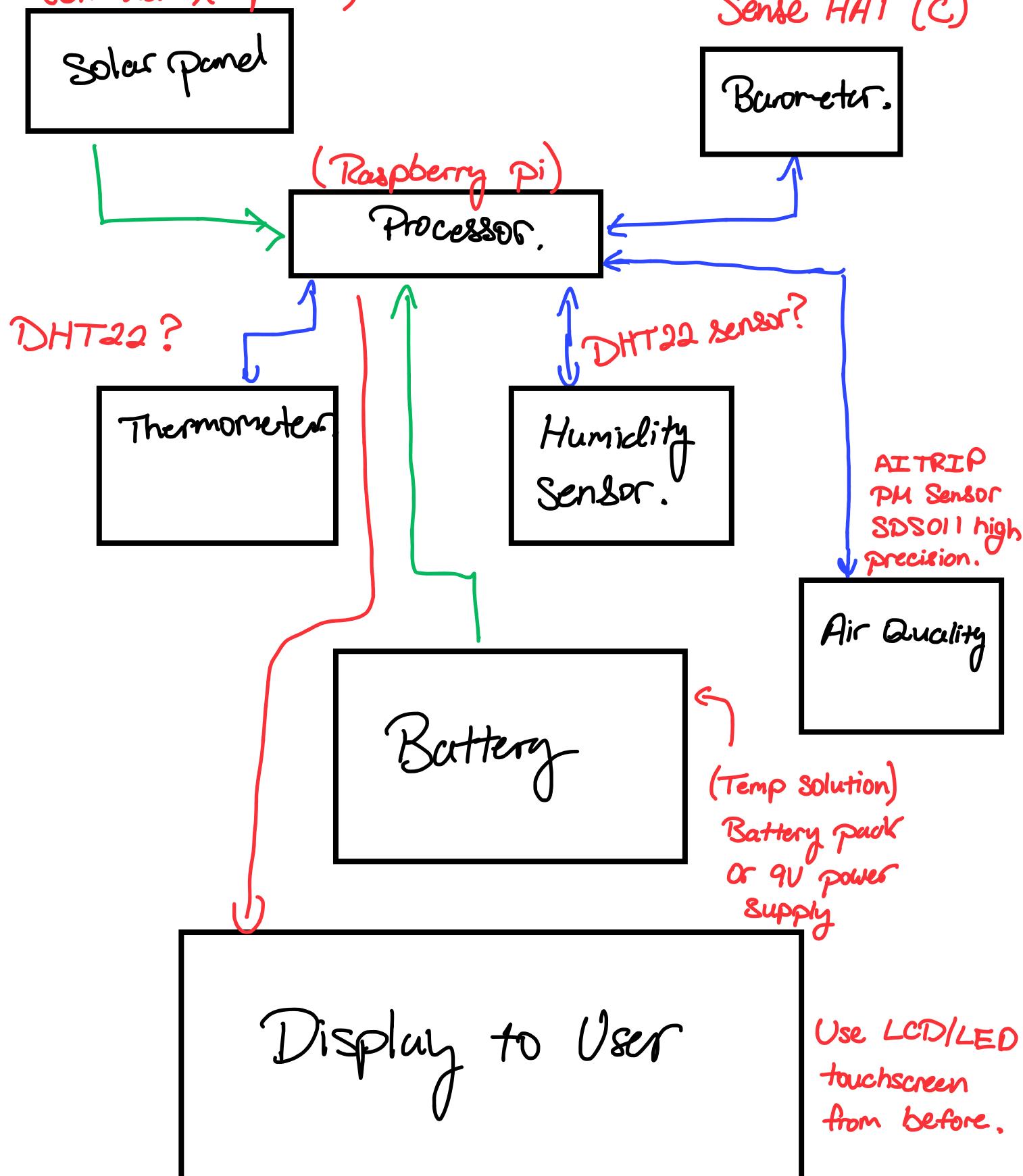


Shivani Panchal.

ECET 230 - Electronics Block diagram / Major Components

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(On-hold)(Expensive)



# Major Components.

- ✓ - Microprocessor → ESP32? Looks interesting.
  - ✓ - Humidity sensor (DHT22?)
  - ✓ - Thermometer.
  - ✓ - Barometer.
  - ✓ - LED touchscreen
  - ? - ~~Battery?~~ → Potential future.
  - ? - Solar Panel? ↗
- \$5? Buy 3-4 if using this.
- Stick to RPi most likely.

## Air Quality sensor

↳ Swiss Company (Senserion.)

The other components of this project are closer in reach and will serve as a sufficient starting point. DHT22 will give us 3 different parameters. Implementing this and the air quality sensor will effectively give us at least a "Lite" version of the product. Other components and features can be added on later. Battery/Solar are backup features.