

InterSolar

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Andrina Geller, Flurina Fischer

Motivation

- Communication in emergency situation
- Power supply failure
- LoRa
- Alternative - Solar energy
- Duty cycling

Goal

- Accuracy of battery levels
- Measurements:
 - Temperature
 - Battery load
 - Battery chemistry
 - Battery age
 - Charge and discharge rate
 - ...

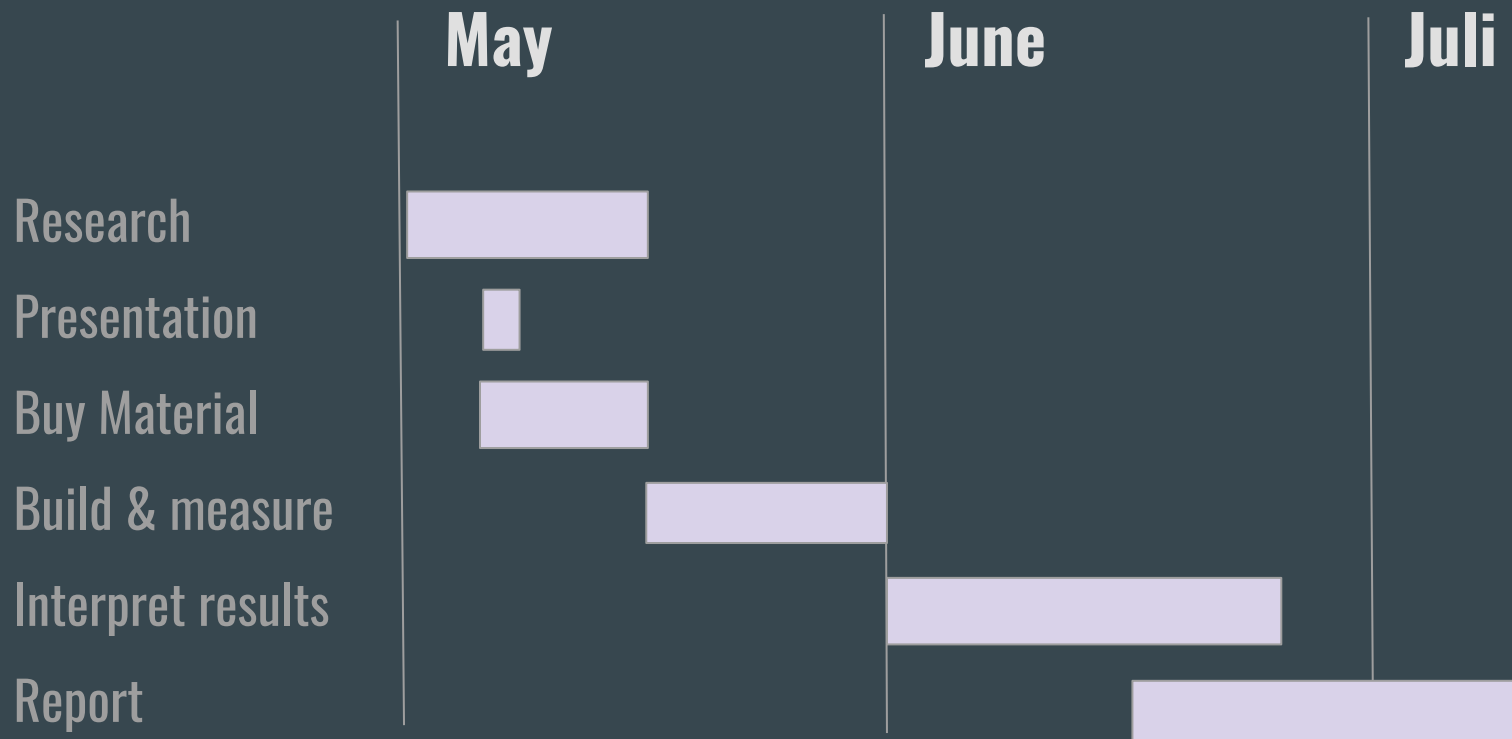


Material

- Microcontroller
- Solar panel
- Batteries
- Voltage meter
- ADC (analog to digital converter)



Timeline





Thank you!