

# Team Apple PDR Presentation

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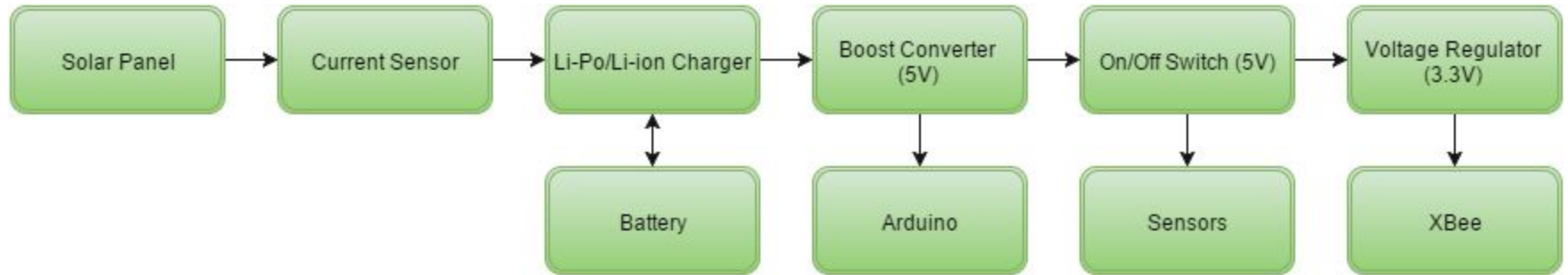
# Overview of Apple Project

The first stable platform in the weatherbox lineage

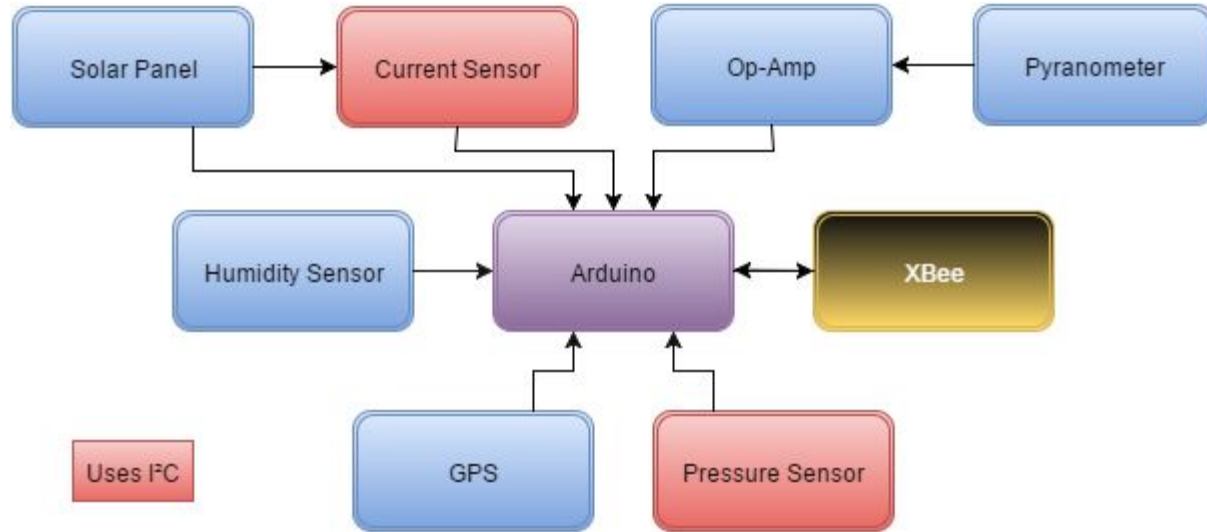
Collect weather sensor data and send it back to a database

The data will assist in planning future renewable energy installations

# Power Block Diagram of Apple



# Signal Block Diagram of Apple



# Progress Since the Proposal Presentation

Arduino tutorials

Git/Github/GitDesktop

Ordered parts

Broke up project into 3 separate tasks

1. Schematic clean up and board design
2. Inventory and solder boards
3. Housing and mechanics

# Our Objectives

## Long Term:

Create 3-5 working Apple weatherboxes

## Short Term:

Reorganize the schematic and board layout on Eagle

Inventory on our parts

Find a solution to the housing problem

# Problems and Issues

We only have access to one professional Eagle license in the lab

We have to work on the easy to assemble part

We haven't done much research on the housing aspect yet

# Conclusion

We need to start working on:

- cleaning up the Eagle schematic

- researching the different variations of housing

- taking inventory of our parts



Questions?