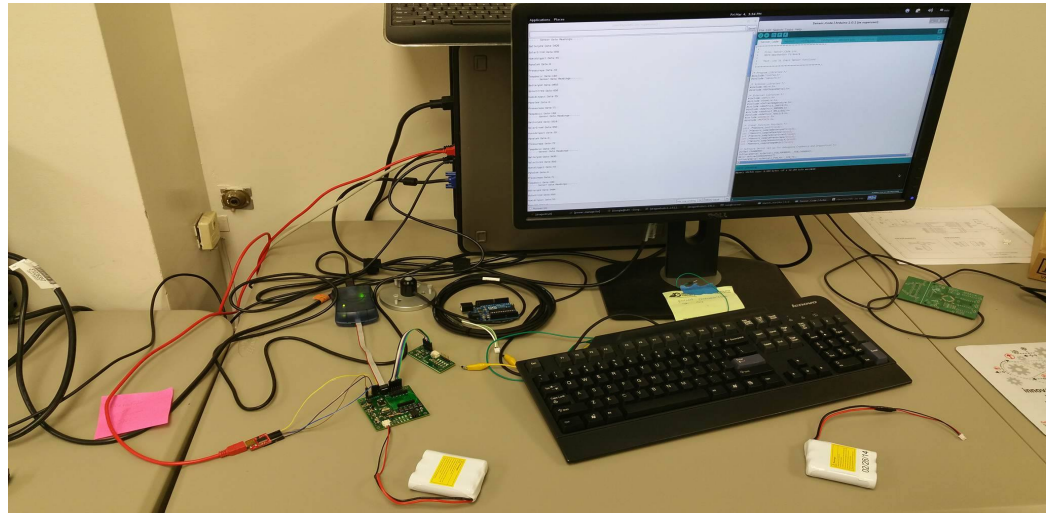# Dragon Fruit

Brian Chan
Garrett Young
March 5, 2016
Advisor: Anthony Kuh
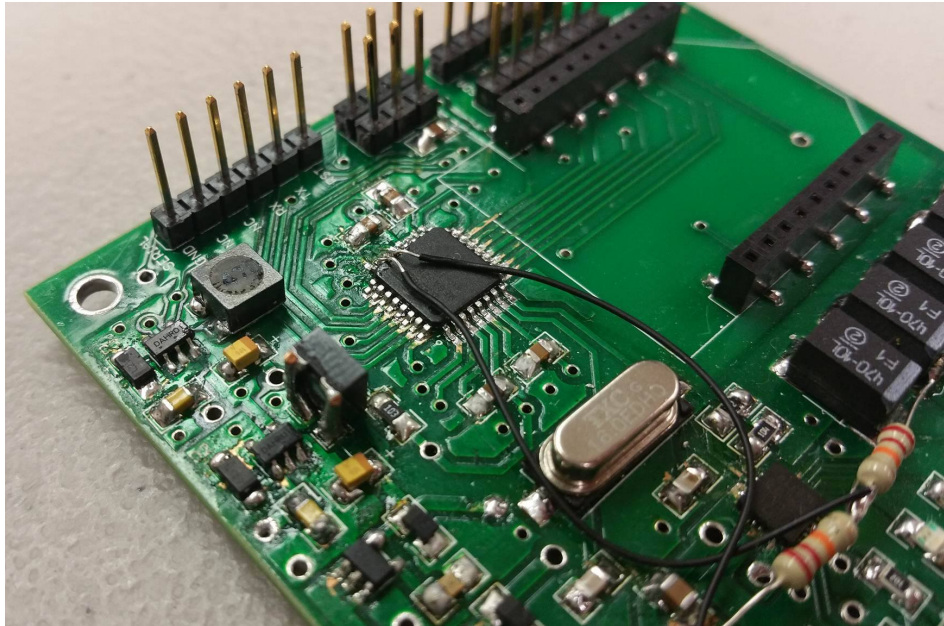
Updates

- Firmware began further investigation and testing

  - Solar irradiance
  - Humidity
  - Pressure

Problems Encountered

Incompatible inductor (DCR) for 5V boost converter

3

Where we're at

- Sent out new design for fabrication
  - Added voltage readings from battery and solar panel

```
-------Sensor Data Readings-------
BatterymV Data:3357
SolarIrrmV Data:650
Humiditypct Data:51
PanelmV Data:175
Pressurepa Data:71
Tempdecic Data:190
-------Sensor Data Readings-------
BatterymV Data:3406
SolarIrrmV Data:650
Humiditypct Data:52
PanelmV Data:215
Pressurepa Data:71
Tempdecic Data:192
```
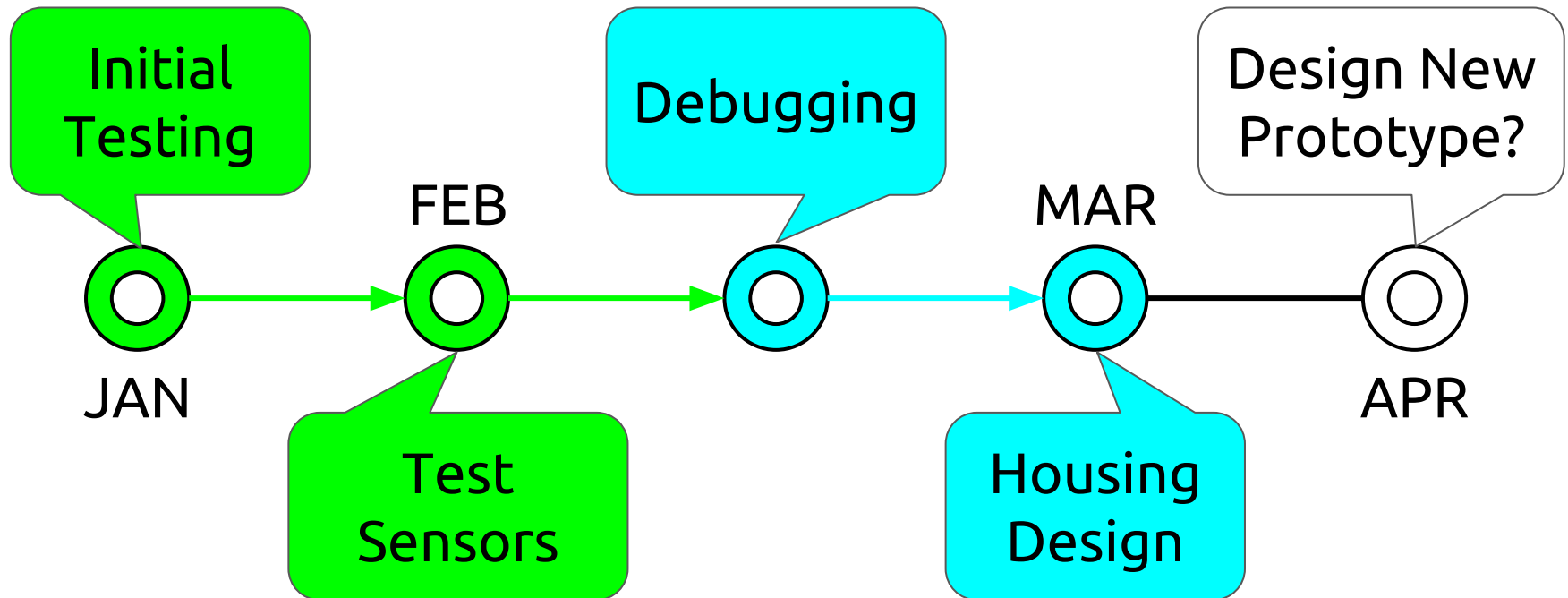
Updated Schedule

Questions?