

# Firmware Team

Scott Nakashima

Ryan Walser

# Semester Goals

- Integrate and verify firmware on current weatherbox generations
  - Apple
  - Cranberry
  - Dragonfruit
- Unit Tests
- Error Code library



# Schedule

- **Now - 2/12/2016**
  - Dragonfruit & Cranberry sensor code (need to implement I2C to obtain sensor readings; test programs for them)
- **Now - 2/19/2016**
  - Dragonfruit & Cranberry transmit code (config; test programs for them)
- **Now - 3/18/2016**
  - Full integration on all generations
- **2/22/2016 - 5/13/2016**
  - Error code library & unit tests



# Updates

- Dragonfruit pin configurations
- Programming I2C
- Dragonfruit sensor test
  - Barometer code not ready
- Cranberry sensor test
  - Files prepared for implementation



# Immediate Goals

- Verify I2C code
- Implement Dragonfruit barometer
  - Requires libraries
- Run the test code for Dragonfruit Sensors
- Obtain pin configs from Cranberry schematic
- Implement sensor test code for Cranberry





Questions?