Brett Notes:

* Slide 8: Background Research

Three Main goals of research:

Data Processing Units

Methods of Unit Communication

Personal Display Types

For this (slide8) focus on Data Processing Units Comparison

Raspberry Pi2 - and similar units, their abilities

Arduino - and similar units, their abilities

Display Image Generation Requirements - Speed, Storage, Expandable

Coding Language Choice - Flexibility above all, shares code resources, saves time

* Slide 9: Background Research

For this (slide9) focus on Wireless Communication Technology comparison

WiFi - Useful for longer range, high data rates, ease of implementation, but centralized

Bluetooth - Single Serial style links, slower data rates, short distances, but for sensors?

Zigbee - Mesh, medium range (w/out mods), medium data rate, low power, ideally end use case.

In the end, WiFi will allow quick startup, high data, larger normal range, and large buying selection.

This will facilitate working with familiar technology when developing the software

* Slide 17: Fall Progress - Software

Network Framework

JSON Messaging

Socket Messaging independant of pre-existing API