GardeNet

TEAM 16

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Image: http://www.clipartbest.com/cliparts/MTL/5L8/MTL5L85Ta.jpeg
The Team

John Connell | Anthony Jin | Charles Kingston | Kevin Kredit
The Problem

- Watering is part of the labor intensive gardening venture!
- Community gardens tend to have difficulties to gather enough volunteers to maintain the garden consistently
- Therefore, watering is a prime candidate for automation

https://www.pinterest.com/pin/147211481542711870/
Existing Industrial Solutions

- Although automated, high-tech watering systems are already available in the market, they are expensive
Our Solution

- Existing solutions use Wi-Fi
- Designing the system specifically for Caledonia Community Garden
- Market: Small home gardens to small industrial gardens

http://southfloridareporter.com/some-countries-banning-wifi-in-schools-should-we-22524/

http://felixphotography.co/backyard-garden-pictures/

http://www.pamsperennials.com/images/pic4.jpg
Functional Block Diagram
Key Players

- David Benjamin – Main contact at Caledonia Community Garden
- Kurt Dykema – Technology Director at Twisthink
- Scott Kerstein – Senior Field Applications Engineer at Arrow Electronics
Design Norms

- Integrity
- Trust
- Humility
- Stewardship
Status

- Meeting with our clients and mentors
- Developing requirements
- Researching parts and tools
Questions?