Team Simdow: Progress Report 1

Function

1.0: Programmable LEDs for a single Simmons window
1.1: Multiple connected windows
1.2: Wirelessly connected windows
1.3: Internet enabled windows
2.0: Window opening mechanism
3.0: Curtain opening mechanism

Current Roadmap

1.0

- [x] Connect LED strip and Arduino
- [x] Test how well light strip lights window
- [ ] Create program to change colour of light strip

1.1

- [ ] Connect two windows
- [ ] Connect n windows

Materials

Inventory

- Arduino Mega
- Wires
- Adafruit Neopixel 8 Stick x1

Wishlist

- Adafruit Neopixel 8 stick x20