Team member: Chris Loang (tloang2), Jay Patel (jpate245)

Voice Control Lights and LCD Display

The project is using voice control from phone to turn on the lights with different functionality, such as wave, cycle, disco light. Also, we have a lcd to display current functionality.

The main primary form of communication mechanism is Bluetooth with phone.

The input device would be a person voice, and the phone is receiving the voice as input. We have a pushbutton as a separate input device. As for the output device, we have LEDs, LCD, as output devices.

Our project introduces some original work, such as various blinking functionality of the LEDs, and an LCD displaying what is the current functionality that is being used, and after a short time, it might suggest another blinking functionality.