

# Adaptive Wireless Lighting

## System Description:

*We are developing a wireless lighting management system for commercial buildings which incorporates sensor controls and power monitoring. The system will adapt the lighting, in the form of dimming, to the variables in a room so as to reduce energy usage. The system will include a user interface which relays power consumed by the lighting and allows automated controls of the lights, thus promoting energy efficient behavior. Our goal is to effectively reduce the amount of electric power consumed while requiring minimal effort by the user in a commercial building.*

## Team Members:

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