The Internet of Things Workshop
House Automation Control / IP Thermostat and Lighting Controls

**Hardware Required:**
- Router/Access Point
  - Recommend using a DD-WRT Router/AP for additional demonstrations
- IP-Based Smart Thermostat
  - Honeywell (these instructions are based on this thermostat)
  - Nest makes an excellent thermostat with some additional functions, but more expensive
- Wireless LED Lighting System
  - Phillips HUE has a very large share of the market, but there are many others as well
  - Also, there’s hybrid (Ethernet / proprietary) lighting systems, such as Lutron and Insteon
- Cables –
  - (2) Ethernet
    - Connection to ISP
    - Connection to Lighting Bridge
- Misc –
  - (1) Power strip or surge suppressor

**Image of Environment:**
Setup Instructions:

Part I – Honeywell IP Thermostat