Home Automation

[Working Link](#)

[Code](#)

Setup:

1. Index html file is the entry point for the application
2. Css styles file is included to change the appearance of the web page
3. Images icons for lights and curtains are included to be used for handling its respective events.
4. JQuery & Bootstrap dependencies are loaded from a CDN.
5. Home components like lights, curtains and temperature values are initialized from home_objects json file.

Working:

1. The light and curtain image icons switch the lights and curtains for the house.
2. Changing the value of the temperature changes the background color of the house's roof top varying from blue to red (cold to hot -> 50^0 F – 100^0F)
3. Current state of the house's components are sent back to server. This is done in the form of verifying the success case for response json file (since data persistent is not required.)