

Version 1.1

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Page Requirements

Home Page

* Link to “how it helps” page.
* Motion detection on switch should work.
* Make a login link. Once logged in, link to the “Rooms” Page.
* Make a sign up button.

Rooms Page

* A button to turn all the lights on or off.
* Link to individual rooms.
* Give the option to turn on light sensing to turn the lights on when it gets dark automatically.

Individual Rooms

* A button to turn the individual light on or off.
* A button to rename the light.
* A light timer button linking to a setup page.
* A light-dimming interface.
* A button display to show if the light bulb needs to be changed.

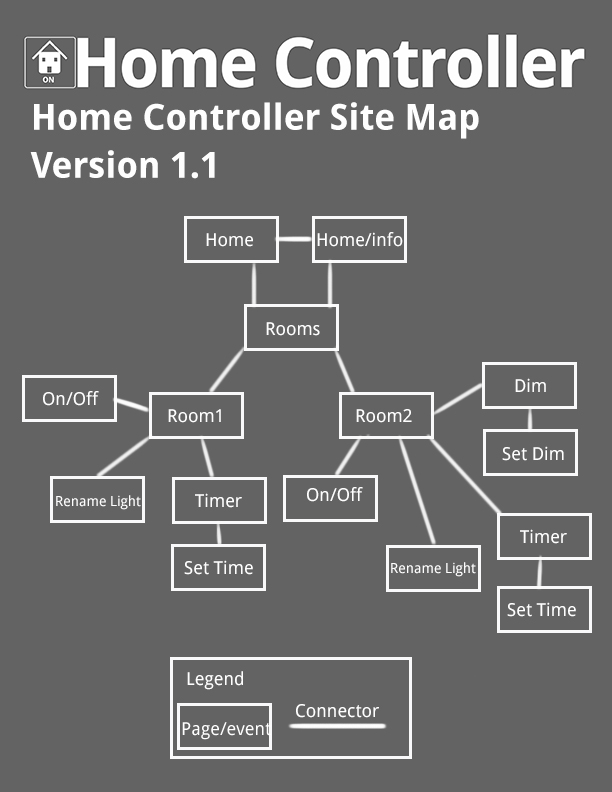
Features

* Motion detection on switch
* Web app controlled manual on/off
* Light timers
* Light dimming control
* Rename lights
* Light sensing on/off switch
* Light sensing bulb change
* Signup feature
* Login/Logout

Technologies Used

* Arduino Microcontroller
* Ethernet Shield
* MySQL
* Python
* Arduino IDE (C++)

This project is going to be a web app so every computer and mobile device with an Internet browser should have access to my project.

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