

#### The Idea...

- \* Build a hub that is connected to some lights.
- \* Build a web app to control the lights remotely.
- \* Build a working light example.

## Target Audience

- \* Home owners.
- \* Businesses.
- \* Collage students.

# Technologies & Features

- \* Arduino Uno with ethernet shield.
- \* Arduino = server?
- \* A web app that turns the lights on and off.
- \* Dimming, timers and renaming lights.

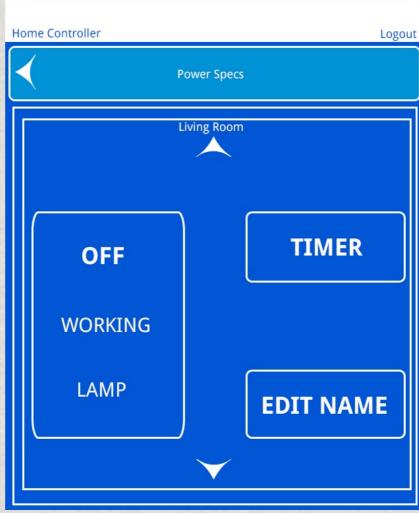
## Logo



## Key Frames



Home Controller is the new way to take control of your ho Keep track of your power bill and electricity use. With Home Controller, you never have to wonder if you turned out that light. Now you can see just how many lights are on and if they need replacing. Using Home Controller is simple and straight forward. The power of your home is now in your pocket.





# Timeline & Budget

ARDUINO- \$21
ETHERNET SHIELD- \$45
SENSOR- \$5
LEDS- \$3
RESISTORS- \$5
BREADBOARD- \$12
JUMPER CABLES- \$13
TOTAL- \$104

#### **Home Controler**

Project Lead: Jordan Wilson

Start Date: 3/5/15 Thursday

WBS	Tasks	Task Lead	Start	End
1	Month One	Jordan	3/1/15	3/31/15
1.1	design basic layout			
1.2	Work out basic concepts			
1.2.1	building the hub			
1.2.2	testing scripts			
1.3	connect to the internet			
1.4	finish all test scripts			
2	Month Two	Jordan	4/1/15	4/30/15
2.1	combine test scripts			
2.2	connect to a server			
2.3	build different button states			
2.4	get most working together			
3	Month Three	Jordan	5/1/15	5/31/15
3.1	get all working together			
3.2	test			
3.3	finalize design			
3.4	present			

