Linux Project Proposal

Target:

* To control on and off of the coffee pot by website
* To get a picture of the coffee pot so that we know how full it is by website (It is a transparent coffee pot? Do we need to buy a coffee pot?).
* To use a temperature sensor to get the temperature of coffee.
* To show the real-time temperature on the webpage
* Play with LCD display to show the temperature
* Use a scale to check how full it is
* Make the webpage pretty

First week(10/19 Wednesday):

1. wire the coffee pot and configure relay and use a button to control it(James)
2. investigate i2c temperature sensor(James)
3. set up simple webpage and configure the webcam
4. to use the webcam to take a picture and send the picture to the webpage

done

Second week:

1. learn how to use the temperature sensor(James)
2. learn how to use the LCD display(Hang)
3. investigate opencv

Third week:

1, to make the website look pretty