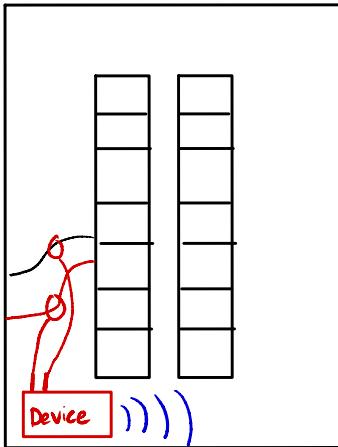
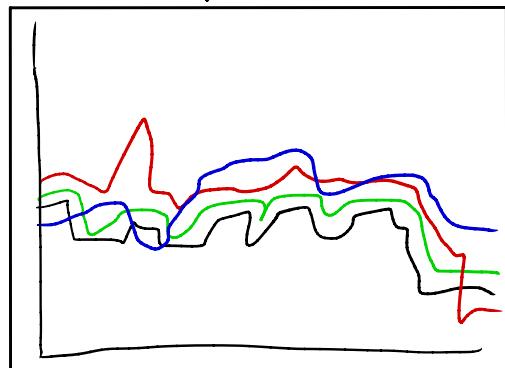


#1

ckt breaker



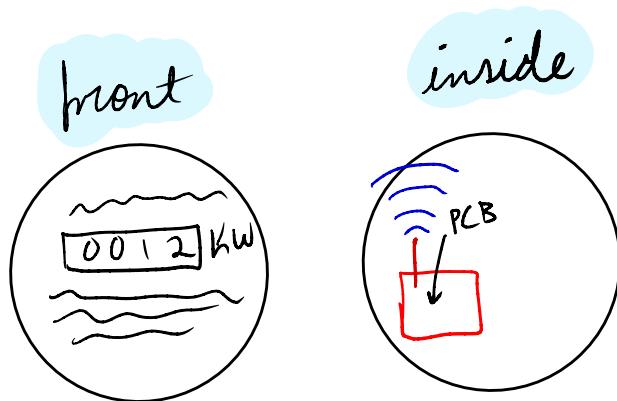
consumption chart website



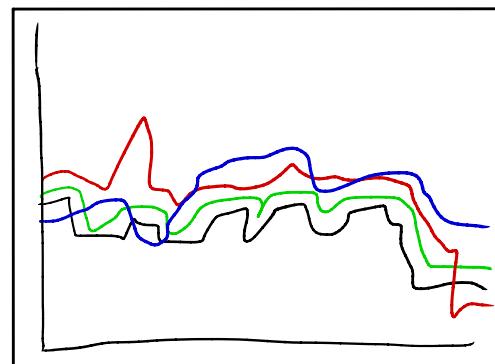
↑ user current transformers  
to measure load, sends  
data to website  
where ML identifies  
usages

#2

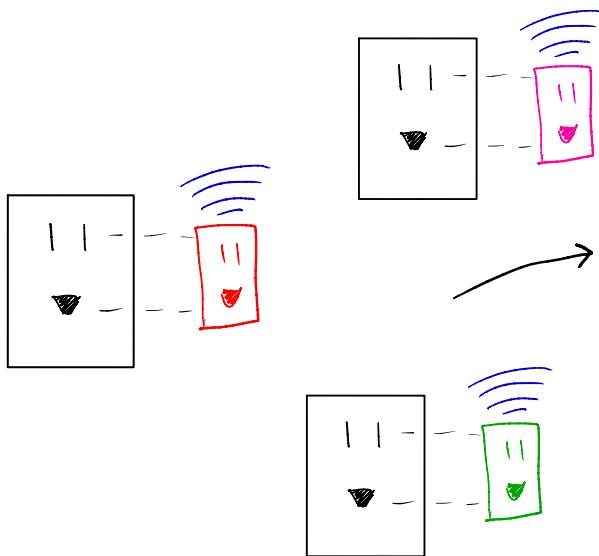
outdoor pwr meter with antenna  
to send disaggregated power  
consumption



consumption chart website

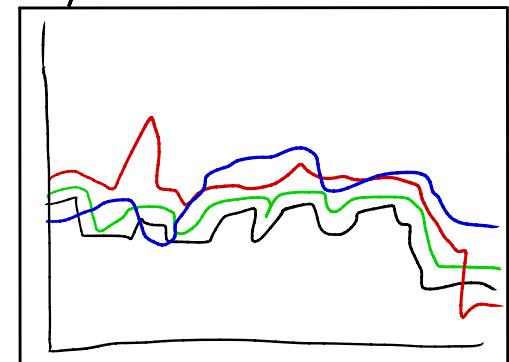


#3

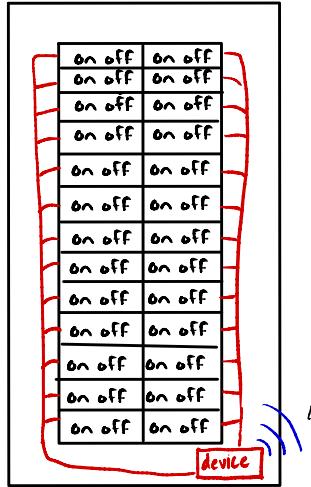


multiple devices plugged in at different outlets in a home to measure load directly

consumption chart website

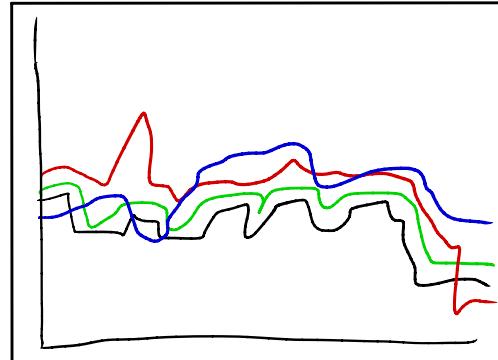


#LI

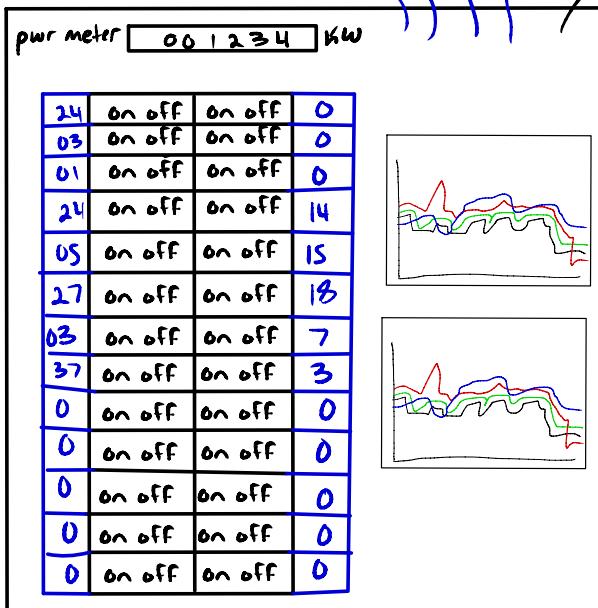


consumption chart website

→ shows each ckt breaker load individually and can be renamed for different devices

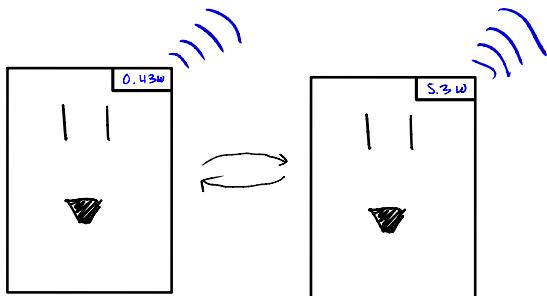


# 5



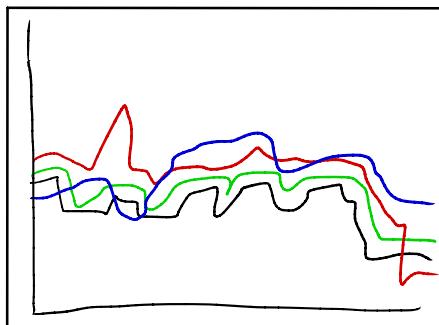
create a "Smart breaker" that integrates the power meter into the CKT breaker inside a home. lists load at each switch, shows consumer a graphical version of it, and sends pwr company the meter reading.

#6

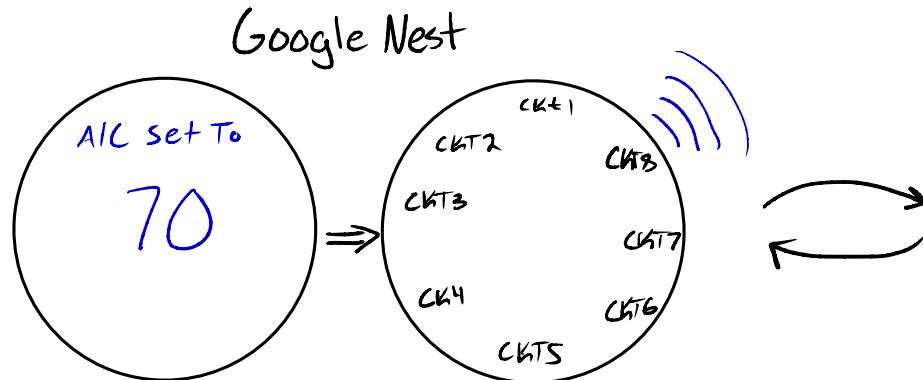


"smart" outlets: replaces normal outlets in the home with outlets that have a small screen that reads/shows the power consumption and sends it to the power company, listing what's plugged into the outlet

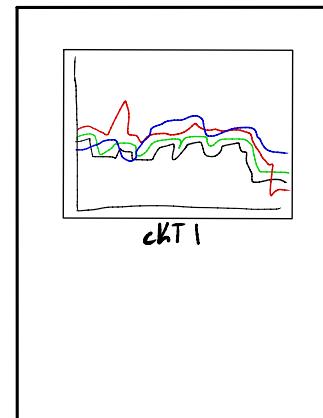
consumption chart website



#7

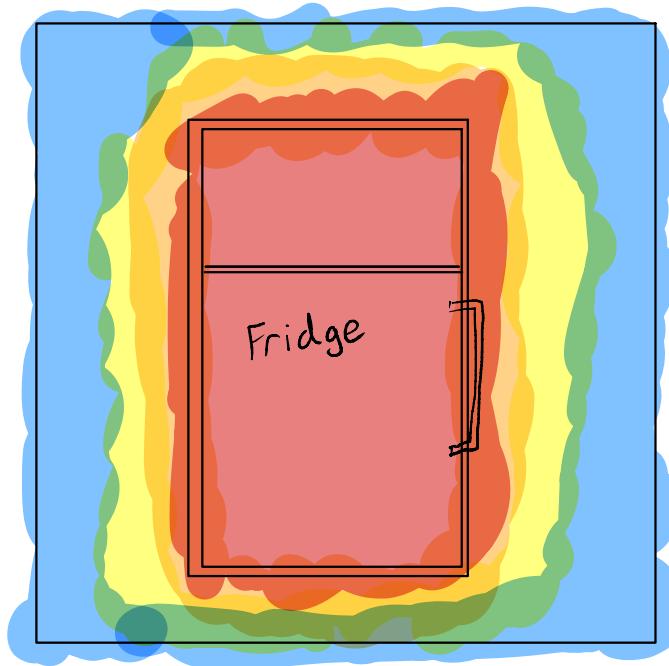
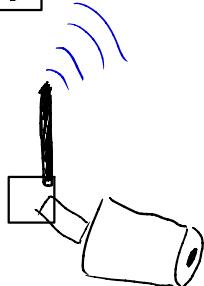


iPhone/Android app



utilizing the Google Nest's transmitting features, use it to send the disaggregated circuit loads to an app which syncs simultaneously with a site for the power company to use.

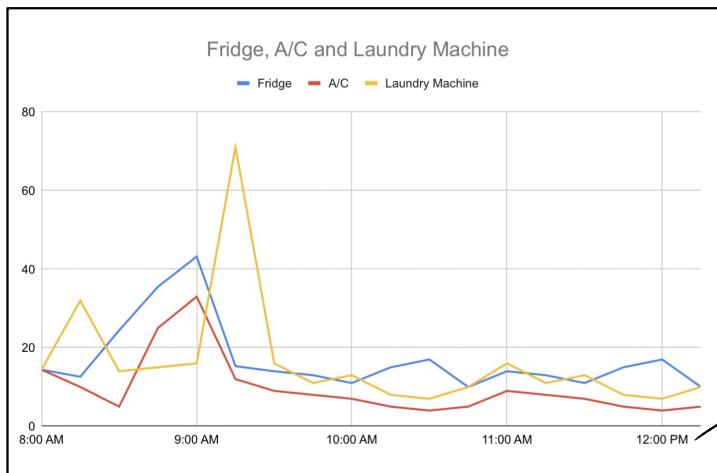
#8



Installing several thermal cameras across a house to read the temps of devices to estimate the power drawn from the sources and sending it to a website to disaggregate it

#9

Screen for #5 design, also design for website

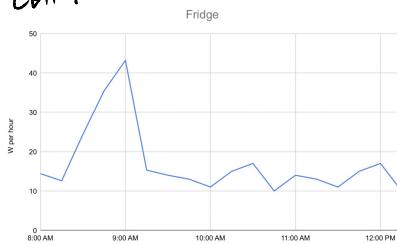


whole breaker

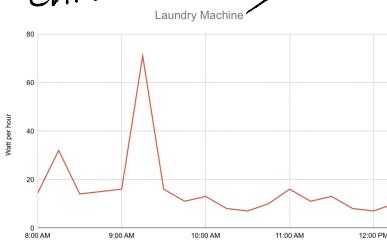
can select datetimes

can edit titles

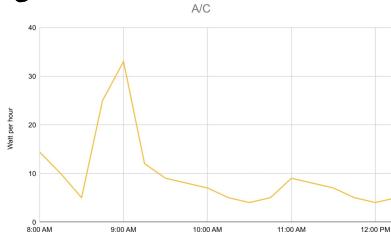
cht1



cht2



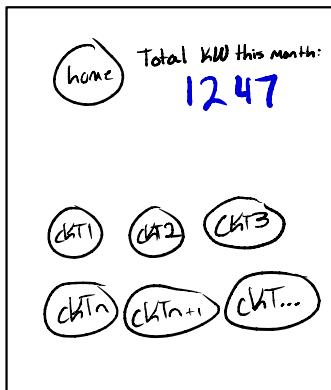
cht3



seperated loads with titles

#10

App similar to Google Nest for #7



selecting  
each CKT  
will give  
feedback, suggestions,  
and general data.

