Customer Meeting 1:

Control temp, lights, record usage. Overall house controller

==Home screen.== Display floor plan of house with GUI f... on/off , open/closed in each room. Only controlling lighting from GUI. Display temp(inside and outside) a... make adjustments.

==Usage Page/screen==. Top 2/3 time series multi line gra... axis numerical value, X as days. Select months. 3 sep... lines for power usage, water usage, and total cost pe... day. Data summary beneath in a spreadsheet style, possibly?

==Diagnostics/Admin screen==. Controls all sensors, "Open/Close" door and windows. "ON/OFF" on all electronics.

==Data Gen:== Variations/Randomization. Flask should b... able to easily loop through and create some randomization.

Monday, August 17, 2020   2:55 PM

Feature - layout   Feature – lighting control

As a user, I want to be able to see the layout of my house   As a user, I want to be able to

Holds: Feature – lighting control   Depends on: Feature – layout

or

and

aph. Y
arate
er

e

Feature – thermostat status

As a user, I want to be able to see the thermostat of

Parent: Home Screen

control lights from the

Feature –

Parent: Ho

thermostat control

ome Screen

Feature - layout

from the home screen.

Holds: Feature – lighting control

Parent: Home Screen

Feature – lighting control

home screen.

Depends on: Feature – layout
Parent: Home Screen

Feature – graph

As a user, I want to see a graph on the usage page. I want the graph to show the current month, as well as have an option to go to the previous month

Holds: Feature – water usage, Feature – power usage, Feature - cost

Parent: Usage Screen

Feature – water usage

As a user, I want to see the wa this month, as well as the prev

Parent: Usage Screen

Feature – Control Sensors

As a admin, I want to be able to be able to control if the lights are on or off, doors or window or closed, and if electronics are on or off in the house.

Parent: Diagnostics/Admin Screen

Feature – thermostat status

As a user, I want to be able to see the thermostat of my house from the home screen.

Parent: Home Screen

Feature –

As a user,

Parent: Ho

ter usage/day graphed for
ious month

Feature – power usage

As a user, I want to see a graph of the power usage/day for this month, as well as the previous month

Parent: Usage Screen

Feature – total c

As a user, I want
well as the previ

Parent: Usage Sc

Feature – Data Gen

As an admin , I want to generate data the is randomized and ha

Parent: Diagnostics/Admin Screen

vs are open

thermostat control

I want to be able to control my thermostat from the home screen.

ome Screen

ost

to see a graph of the total cost/day for this month, as
ous month

creen

Feature – summary

As a user, I want a text based summary be
current total stats, as well as a prediction

Parent: Usage Screen

Feature – Icons

As a user, I want to see unique interacta
icons for lights, doors, and windows ove
floorplan/layout.

Parent: Home Screen

as variation to simulate a real home.

elow the graph of my
for the rest of the month.

ble and dynamic
rlayed on the