**10/31 – Team Facade Meeting with Joe**

URL For Project: github.com/SensorServicePlatform

2 Repos:

-API – documentation for backend API

-Get devices and readings from sensor

-VirtualSensorEditor

-gh-branches

-For our work, we can fork and Send Pull Request

-Open static webserver (don’t use Chrome)

-Use python

command: python –m SimpleHTTPServer

-Opens on localhost:8000 – indexed webpage, all sensors are displayed on the floorpan

-Virtual Sensor Editor:

designtool.html

-Left panel – physical sensors organized by type of sensor

-Click and drag to the canvas

-Top Right shows PROD (real data) and TEST (fake data) modes

-VS templates – drag and drop function

-can add more parameters and drag from physical sensor to virtual sensors to connect them

-Virtual sensors – edit formulas in Javascript

-Currently doesn’t not let you edit after you create it (added as an enhancement feature)

-Algorithms derived from virtual sensor editors – can add more as enhancements

Works in all browsers that support HTML5

Code:

Js/

jSPlumb is library used to connect physical sensors to virtual sensors

d3 and dvl– graphing and charting library

intro.js used to create intro

PRE – global variable

-all graphical stuff

-sensor elements on canvas

WSL – sensortimer function – called every 3 seconds on different sensor types

Add time dimension – get time from specific time range

-Currently all data is real time

-Get historical data and populate it on the graph

-Use API #5

-Create date pickers – start time and end time

-if 2 are valid, use the API

-Populate the list data on the chart