**FEEDBACK**

**IOT COHERT 12 Midterm**

**David**

* User defined parameters for the system.
* Drywall sample of prototype
* Narrow down scope to manageable time frame for one week and can implement additional features at a later time.
* User display on outside of the restroom that has a button for each user and has these preset parameters with multiple buttons that have predefined settings. Ex… button one will have temp 1 to 65 degrees button 2 will have temp 2 set at 75 degrees. Button three will be set to 85 degrees.
  + Button one will
* How do you turn the shower off and the heat and or all the settings.
* Four buttons outside the room they are slightly light up when they are off and when you hit the button the get brighter.
* Proximity sensor the turn on the LED buttons.
* Servo for each water supply (hot, cold) these will adjust according to the water output temperature.
* Temperature will need to be read from the hot supply and the cold supply in order to control the hot supply going to the shower head. The cold will start to open when the hot reaches a certain temperature ex. 85 degrees then the cold will open and start to mix the water and adjust the opening of the supplies in order to get the temperature sensor on the output to read the predefined setting requirement.

Brian

* Humidifier may not be fast enough
* Check humidifier levels with water sensor this will indicate levels are full outside of the room
* 3d print dehumidifier and put the water sensor.

John Patrick(JP)

* Flowchart not thinking about code in laymans terms
  + Then start the code after the flow chart is written out
* Suggestion: use the hue bulb to represent the temp of the room
* Suggestion: timer to simulate the lapse of time for the water to be at demanded temperature.
* Write out my desirables
  + Elsmen wants to 3d print the actual enclosure for the noepoixel that would be outside the restroom to indicate room temperature