Hardware: Andrew Gates

- Completed – GPIO extender now working with the 8 channel relay board as stated from last week, as well as working with the motor controller. We also got the data from the hardware uploading to the Database to be graphed.

- To Do – Finishing touches on the hardware side, setting up the function portion, and getting a box made.

- Noted Problems – Getting the GPIO extender working was a bit of a challenge on figuring out how to send over the commands to turn it on and off.

Hardware: Andrew Klonitsko

- Completed - Phone is graphing real time data from the sensors, the database is set up to work with the sensors

- Incomplete - nothing

- To Do - Need to make a setting page for the user to format the graphs how they would like.

- Noted Problems - No noted problem

GUI/SG sensor: Reagan Stovall

- Completed -
  - build a display page in the GUI that can read new values and display them. Keep it simple for now.
  - display data page for GUI
  - fixed connections on Pi Shield.
  - got the hardware and design to wire the relay board to the AC outlet/AC ports and DC to the 12v pins
- Incomplete-
  - This was done by Andrew: Connect to the Database from the PI.
- To Do-
  - The Incomplete List.
  - reformat the GUI to Pi,
  - Bring everything together

- Mitigation Plan – N/A (On track so far)

- Spec Development – Second draft completed, will update with changes as they are made.

- Test Plan – First draft completed, will update with changes as they are made.