Hardware: Andrew Gates

- Completed – From the previous week's plan Regan has ordered the PCB which should be here in 2 weeks. I started testing the GPIO extender from the previous week.

- To Do – Continue testing the GPIO extender, and start with testing of the relay board. So that they can soon both be used with our prototype.

- Noted Problems – No major problems this week.

Hardware: Andrew Klonitsko

- Completed - Phone commuicates with the data base, had to set up XAMMP to work with the phone app

- Incomplete - Have not put real data on the server yet, have not displayed the data on the screen.

- To Do - put real information to the database and make sure everything is working as expected, try to display values on the phone but not yet in graph form.

- Noted Problems - database took a lot more work setting up with the phone then what was expected.

GUI/SG sensor: Reagan Stovall

- Completed -
  - update First 5 GUI Pages with new design. When building the timing Page, I learned a fair bit and made a template so that all the pages will be uniform
  - Finish PCB Design and send it off to be fabricated.

- Incomplete -

  - Failed to get the AFE working with the arduino, not much documentation either. I'll continue trying this next week
- Next Week---
  - Connect the GUI with Andrew's Backend program and run a basic program.
  - build a display page in the GUI that can read new values and display them. Keep it simple for now.
  - Keep trying to get the ultra sonic sensor to connect and read values
  - Build a table in SQL and connect to it with the Pi

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

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

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