Team: P20762   **Engineer: Jacky Ren**

What were the outcomes of the prior phase?

1. What did I plan to do?
    Prepare for MSD II as best as we can to ensure that we will be ready for prototyping as soon as the semester hits. Order as many items as we need and reuse whatever we can find as spare parts in the MSD workshop. Restart the nitrogen cycle and possibly include goldfish to help with the nitrate cycling. Continue researching ways to incorporate better UI and ease of use for the sensors.
2. What did I actually do?
    Ordered all the long lead items to ensure everything will hit the ground running for MSD II. Updated BOM and scorecard for our purchased items. Thought to use sponge as an alternative to cups as plant bed for seeds.
3. What did I learn? How were plan and reality different?
    Time management is crucial during this stage of the game. Any delays will set back the entire timeline that we have scheduled and we definitely need to hit the ground running as soon as possible. Plans were all executed accordingly so as of right now, we are running on schedule.

Team level goal for next phase

Start the build of the structure of the system using the material we have purchased. Purchase any further items we may need and consult with our customer and guide for any questions or tweaks to the design. Perhaps figure out different ways to grow the lettuce so we have many alternatives for plant structure/support.

What do I plan on doing to ensure that my team has a successful review at the end of the next phase?

Ensure all materials are purchased and BOM are up to date. Continuously work with the rest of the team to provide support in areas that are needed. I can help Armand with sensor ideas, provide insight for Kesh on the design, get all my work done on time, etc.

What is standing in my way of meeting my next phase goals?

We can potentially run into trouble scheduling time with the wood lab, screw up on our materials and fall behind schedule to order replacements, and lack of time later into the semester for everyone to meet and work on the project.