**Team: \_\_\_\_\_\_P21462\_\_\_\_\_\_\_\_\_ Engineer: \_\_Jacob Wildt\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**What were the outcomes of the prior phase?**

1. I planned to help my team with whatever was needed which included prototyping, research, and general planning. I also planned to do lots on Confluence.
2. I actually was a big part of prototyping and planning. I helped with the other things, but these two areas were a big part of this phase for me. I did still do a significant amount in confluence.
3. I learned that our specialized part of the design is very time consuming. I know there will be specific tasks that I will not be a part of, and I need to make sure I am able to fill in the cracks.

**Team level goal for next phase**

In the detailed design phase, we will build upon the work we completed for the preliminary detailed design phase. We will refine our designs and then analyze them to confirm that our exact designs are sufficient to achieve the necessary functionality of the cart. Once our design is finalized, we will be able to finalize our bill of materials and find the suppliers with the best value for the materials to start purchasing these parts. Also, as we are finalizing the design, we well develop test plans that are possible to execute with our design after parts of it are created. We will update our flowcharts, risk management document, and schedules as the conditions of the project change.

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

1. I will continually update the schedule with tasks completed and tasks in progress. (1 hour per week for the rest of semester)
2. I will keep researching designs for education to enhance our already thought out ideas. (3 hours, due 11/15)
3. I will do the NIOSH ergonomic equation now that we have some more accurate weights. (3 hours, due 11/20)
4. Research Test Plan best practices. (3 hours, due 11/5)
5. Do research on alternative energy sources (3 hours due 11/10)

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

The biggest obstacle will be the amount of work that needs to get done, along with work from 4 other graduate level classes. Overworking myself will lead to me getting run down, and basically useless. I really need to budget my time and also need to recognize when I feel myself start to stress out a bit and mitigate it.