**Team: P21462 Engineer: Matthew Madsen**

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

1. I planned to finish up any necessary Ansys work for vibrational analysis and determine what systems we should use for the renewable subsystem.
2. I determined two power sources to be used for our cart. I also finished up the ansys work by determining which parts of our design we would need to keep an eye out for. I also coupled one of the renewable sources to an educational purpose/task.
3. I learned that it is hard to troubleshoot in Ansys when you don’t make the design yourself when the design is very complex. I also learned that what interests me in this project isn’t necessarily what interests the customer.

**Team level goal for next phase**

To ensure that the project is still on track. To see which competitions I think we can enter our project in. To start the abstract and posters for the project. To start the technical report.

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

1. **Read up on what is required for poster and abstract (1 hr - 2/5)**
2. **Read up on further competitions and requirements (2 hrs – 2/5)**
3. **Start writing the technical paper skeleton (1 hr - 2/15)**
4. **Do the writeups for the test plans as they occur (30 min/ test plan – 2/28)**
5. **Update confluence more regularly (2 hrs – 3/1)**

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

Potentially being remote could be a problem for communication but I think we will do fine. Writing so much will be off-putting but a task I will do gladly.