**Team: P21100 Engineer: Kate Weidmann**

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

1. What did I plan to do?
   1. Research past/current landing systems
   2. Complete ASU Psyche class and ASU teamwork course
   3. Research materials
   4. Brainstorm designs by using morphological chart
   5. Define selection criteria
   6. Determine budget
2. What did I actually do?
   1. All of the above except for completing the ASU teamwork course, researching materials, and determining budget
3. What did I learn? How were plan and reality different?
   1. I put more of my time towards researching landing systems to help with brainstorming and determining concept designs, so did not have a much time to work on the teamwork course or research materials. Researching materials was probably beyond this stage though too since we don’t have our design set yet.

**Team level goal for next phase**

We plan to determine a complete design and then complete additional research on each specific component we plan to use in order to determine if our design would be theoretically feasible. We will distribute components and concepts to research based on background knowledge that each team member has. We will also create preliminary sketches of our design. We will also continue to attend Psyche Webinars to further our understanding of the mission and the people working on the mission.

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

1. Complete ASU Teamwork course (10 hours, complete by 11/20)
2. Research ways to accomplish sub-functions (4 hours, complete by 10/16)
3. Research materials to be used in space and may be compatible with Psyche’s makeup (5 hours, complete by 10/30)
4. Determine budget (1 hour, complete by Saturday, 10/23)

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

General other schoolwork and extra-curricular activities (time management).