**Team: \_\_\_\_P21389\_\_\_\_\_ Engineer: \_\_\_\_\_\_\_\_Owen\_Straub\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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

1. What did I plan to do?
   1. I planned to complete all MSD required assignments while advancing the project.
2. What did I actually do?
   1. I achieved both goals.
3. What did I learn? How were plan and reality different?
   1. I learned that sometimes the MSD structure is not perfect and that some deliverables need to be found in the templates rather than by mentioned due dates. Plan and reality remained very close although everything went much slower.

**Team level goal for next phase**

During the next phase we plan to begin designing the system level structure for the BugTorch project. To do so we will compile a set of functional diagrams into a morph chart to help identify two feasible designs and begin developing a test plan. This should be done by the second phase analysis.

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

I plan to complete several tasks within the next week but will mainly focus on diagrams and flowcharts as these are a great starting point for the system level design.

|  |  |  |
| --- | --- | --- |
| What? | How Long? | When? |
| Analyze and build functional decomposition with team | 3-4 hours | TBD |
| Complete new phase benchmarking for desired systems (electrical). | 3-4 hours | TBD |
| Create multiple concepts to base design around | 4-6 hours | TBD |
| Select the concept with team | 2 hours | TBD |
| Begin flowcharts and diagraming. | 10 Hours | TBD |

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

Nothing besides this course’s organization. The due dates and file uploads have caused a few problems in defining where each assignment should go and if it belongs on confluence etc.