

**Team:** P21389

**Engineer:** Ben Kemnitzer

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

1. What did I plan to do?
  - a. During the 3rd Phase, I planned to generate ideas and prototypes for a valve to control the flow of fuel
2. What did I actually do?
  - a. Generated ideas, and planned prototypes of valves
3. What did I learn? How were plan and reality different?
  - a. Designing a valve is a lot harder than it seems

**Team level goal for next phase**

In Phase 4, the team plans to put together all individual systems in one torch to ensure things run properly

**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 more prototyping and documentation of any concepts we come up with.

What?	How Long?	When?
Design valve designs	2-3 hours	TBD
Make first prototypes	3-4 hours	TBD
Model and print selected valve design(s)	4-5 hours	TBD
Create a detailed BOM	2 hours	TBD
Prepare for review and next phase	8 Hours	TBD

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

Personally, there is nothing standing in my way of progression