

Team: P21389 BugTorch Engineer: Jason Stiller

What were the outcomes of the prior phase?

1. What did I plan to do?
My plan for Phase 2 was to determine viable concepts for the system and begin to research specific components for use in the first prototype.
2. What did I actually do?
I accomplish both objectives stated above and additionally assisted in re-ordering the team's documentation to make it easier to maintain in the future
3. What did I learn? How were plan and reality different?
I learned that document maintenance is very time consuming when reformatting a less efficient documentation structure, and there were some limits on component research I was able to perform in the allotted time for phase 2

Team level goal for next phase

The goal for Phase 3 will be to perform basic concept testing to ensure the selected candidates will work as expected when we go to build the prototype.

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

Topic	Estimated Time Requirement	Approximate due date
Continue documentation cleanup	8 hours	Phase 3 Review date
Ensuring proficiency in CAD software prior to Phase 4 modelling	20 hours	Phase 3 Review date
Acquire necessary fluid handling information needed to perform fluid transfer calculations	4 hours	March 25
Perform preliminary fluid handling analysis	10 hours	April 1
Determine a list of viable hardware candidates	10 hours	Phase 3 Review date

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

There are currently no obstructions to meeting these goals.