

What were the outcomes of the prior phase?

1. What did I plan to do?
 - a. Finish schematics and create PCB design
2. What did I actually do?
 - a. Finish schematics and create PCB design
3. What did I learn? How were the plans and reality different?
 - a. Difficult to worry about routing when the world is ending around you

Team level goal for next phase

The team will continue to test our subsystems and work on putting different subsystems together, also testing the different combinations of subsystems as we build. We will also work on getting PCBs fabricated and testing those with other system components as soon as possible to make sure they work as expected and make any necessary changes to circuit designs as soon as possible.

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

1. Route PCB (~2 Hours)
2. Send PCBs for fabrication (~1 Hour)
3. Prototype software design (~6 Hours)

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

Time availability - other class work preventing enough time to be allocated to design work

Remote work potential - distractions, loss of focus due to the pandemic situation

Lack of prototyping - due to the situation, prototyping can't be done as effectively, which raises some risks and restricts our ability to move ahead with implementation

Test performance - at this stage, issues in testing can have a significant impact on our ability to move forward with our plans