

**Team: 18262      Engineer: Murali Prasad**

**Entering Phase: Preliminary Design Review**

**What did I plan to do for the system design review, and what did I get done?**

1. We were able to complete a budget overview
2. The research on hall effect sensors and current shunts is done along with how we plan to implement State of Charge and State of Health calculations
3. I have an Altium license through EVT and installed on my computer

**What do I plan on doing to ensure that Team P18262 has a successful Phase (Preliminary Design Review) review?**

1. Do a feasibility analysis on SoC chips with a functional test
2. Compare test with own algorithm to see which is the best route
3. Use Altium to create the circuitry necessary for implementation

**You will answer these three questions when you submit at the end of Phase (Preliminary Design Review).**

1. Did the SoC chip tested work?
2. Is it the best method?
3. Is the circuitry required created on Altium?