

Team: Movin On Engineer: Matthew Gould

What were the outcomes of the prior phase?

1. What did I plan to do?

- Get coding done
- Integrate electronics hardware with skateboard model

2. What did I do?

- Improved electrical Boms
- Started coding
- Designed digital motor controller board
- Determined motor parameters

3. What did I learn? How were plan and reality different?

Due to unexpected issues with teammates, I ended up doing the hardware design instead of coding.

Team level goal for next phase

By next phase we want to have all PCBs designed and sent out quotes. Battery pack designed and in production. Semi-functional prototype of deck design under construction. Full integration of electrical components in board assembly model. Truck design sent out for quote.

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

1. get to mostly completed status for motor controller code (60 hrs)
2. get acceleration control boards designed (15 hrs)
3. prepare boards to be sent out for manufacture and assembly (20 hrs)