

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

1. What did I plan to do?
  - a. Motor configuration and control
  - b. Test and order drum stick motor actuator
  - c. Finalize motor driver configuration
2. What did I actually do?
  - a. Car door lock actuator has been chosen and ordered, minor testing done
  - b. Solid state relays chosen as primary motor power delivery
3. What did I learn? How were plan and reality different?
  - a. Design for motor mounting and actuation of the drum stick
  - b. Continue to test door lock actuator
  - c. Create a solid state relay power circuit which then needs to be tested

**Team level goal for next phase**

The team is finalizing design work and preparing for building and testing. We will create simulations and add more detail to schematics, drawings, and diagrams, with high-quality renders of the final design. Small-scale prototyping will be done as members are able to.

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

1. Endurance test motor actuator. Mehmet
2. Prototype motor mount. Hannah
3. Design and create circuit for power delivery. Mehmet

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

1. Meeting time
2. Keeping everyone on the same page
3. Proper Social Distancing