

**Team: P17310 Engineer: Ahmed Alhurubi,**

**Electrical Engineer**

**Entering Phase: Phase 3**

**What do I plan on doing to ensure that Team P17310 has a successful MSD 2 Phase 3 review?**

1. Build the connection circuit for slit motor and latch motor with Wilson (1 week)
2. Connect the pressure sensors to latch torque arm with Wilson (1 week)
3. Look into Bluetooth communication. (1 week)
4. Assist with the control system while waiting for latch system control components.

**You will answer these three questions when you submit at the end of Phase 3.**

1. What did I actually do?

Testing the Bluetooth communication with the Arduino over some range of distance. Figuring out and testing the pressure sensor connection and code using Arduino.

2. What did I learn?

I have learned during the testing the parts that have shipped that is in working condition. I have learned

3. What do I plan on doing to ensure that Team P17310 has a successful Phase 4 review?

The following phase will be starting assembling junction box and connect the pressure sensor to latch. Preparing for installation and testing junction box.