

Team   P15043        ME Team   Christine & Nick  

**What do I plan on doing to ensure that Team P15043 has a successful week 8 demo?**

1. Finish printing prototype handle (Nick)
2. Make small adjustments to arm assembly (Christine)
3. Assemble motor arm (Christine)
4. Get motors running with breadboard (Nick & Christine)
5. S11 Test plan - Tests how much pressure motor arm can withstand when running (Nick & Christine)
6. Refine/debug prototype alpha (Nick & Christine)
7. Possibly print new revised parts (Nick)
8. Assist EE team with integration of motor arm subsystem into cane handle (Christine & Nick)

**You will answer these three questions when you submit at the end of week 8.**

1. Made adjustments to the arm. (CL)
2. Completed 3D printing cane handle parts and bearings. (NS)
3. EEs helped us get the motor running. An extra component was needed to get it to oscillate, which caused a delay. The component should be by the end of this week. We will be doing testing next week. (NS) (JL) (EA)
4. Sanding and milling of 3D printed parts (NS & CL)
5. Updated Problems list (CL)
6. Updated ME Testing Plans (CL)
7. Completed an updated handle weight calculation, weighed the standard cane we have, weighed the standard cane without the original handle piece, calculated moment on users wrist, calculated percentage of people that can sustain this moment. (CL)