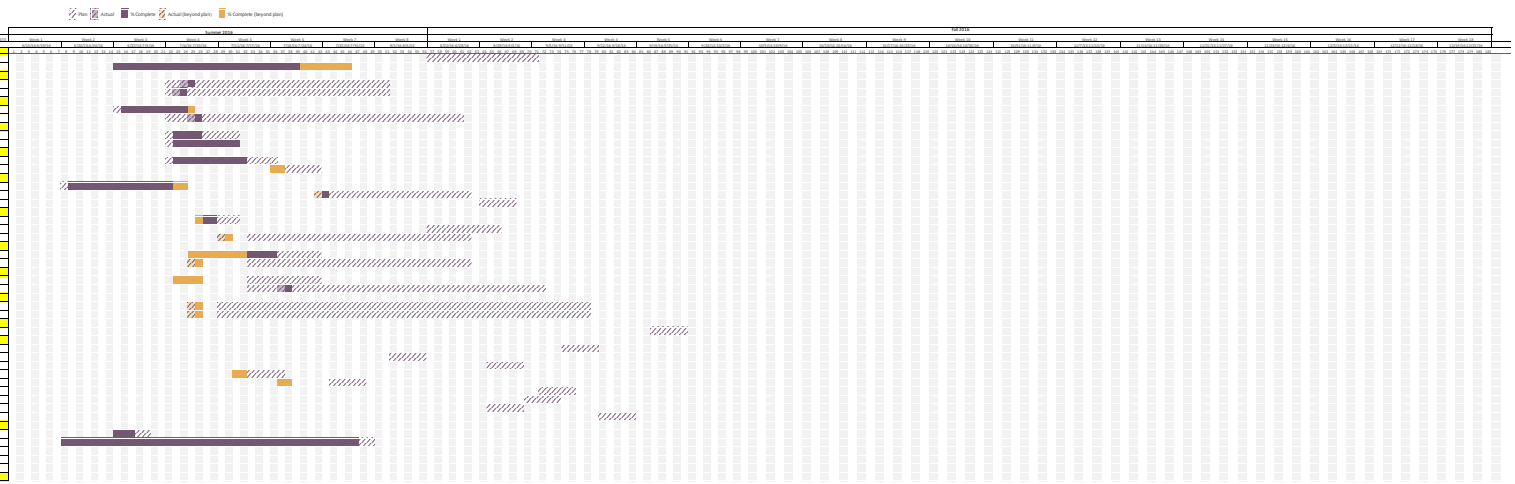
Timeline

Plan | Actual | % Complete | Actual (beyond plan) | % Complete (beyond plan)

WBS	Task	Plan Start	Plan Finish	Start Date	Finish Date	Actual Start	Actual Finish	Percent Complete
1	Torque Arm							
1.1	Gas Strength Design	37	15					0%
1.2	Second Restraint Bar Design	15	25	6/27/2016	7/28/2016	15	33	100%
2	Motors							
2.1	Tester - Improve	22	30	7/7/2016		26		50%
2.2	Attachment - Improve	22	30	7/6/2016		24		60%
3	DC Motor							
3.1	Fabrication	16	10	6/28/2016	7/7/2016	16	10	100%
3.2	Motor Code	21	40	7/8/2016		26		60%
4	Microswitch Code							
4.1	Design For Potentiometer And Torque Sensor	12	10	7/5/2016	7/8/2016	12	4	100%
4.2	Fabrication	21	10	7/5/2016	7/14/2016	21	5	100%
5	Emergency Stop Button							
5.1	Design	22	15	7/5/2016	7/14/2016	21	10	100%
5.2	Fabrication	38	5	7/18/2016	7/18/2016	36	2	100%
6	Lateral Attachment							
6.1	Pulley Design Design	8	15	6/21/2016	7/5/2016	9	14	100%
6.2	Pulley Design For Bottom Potentiometer	43	20	7/25/2016		43		50%
6.3	Fabrication	54	5					0%
7	Electronics							
7.1	Connecting To Power Supply And Computer	27	5	7/8/2016	7/14/2016	26	3	100%
7.2	Weight System	57	10					0%
7.3	Microcontroller Code	33	30	7/12/2016		30		50%
8	Arm Potentiometer							
8.1	Serial Graphs	31	10	7/7/2016	7/18/2016	35	12	100%
8.2	Program To Software	33	30	7/8/2016		26		50%
9	Torque Sensor							
9.1	Serial Graphs	33	10	7/5/2016	7/8/2016	33	4	100%
9.2	Programming	33	40	7/16/2016		38		50%
10	Software							
10.1	Arduino	29	50	7/8/2016		26		50%
10.2	GI Code	29	50	7/8/2016		26		50%
11	Frame							
11.1	Design	37	5					0%
11.2	Welding							
11.3	Torque Arm	25	5					0%
11.4	Motors	53	5					0%
11.5	DC Motor	46	5					0%
11.6	5V Power Supply	33	5	7/13/2016	7/14/2016	33	2	100%
11.7	Emergency Stop Button	44	5	7/14/2016	7/20/2016	37	7	100%
11.8	Lateral Attachment	72	5					0%
11.9	Electronics	70	5					0%
11.10	Arm Potentiometer	45	5					0%
11.11	Torque Sensor	80	5					0%
12	Design Review							
12.1	Client Interview	65	5	6/27/2016	6/28/2016	65	2	100%
12.2	Brainstorm And Portfolio 1	9	42	6/30/2016	7/26/2016	9	40	100%
12.3	Design Review 1							
12.4	Brainstorm And Portfolio 2							
12.5	Design Review 2							
12.6	Design Review 3