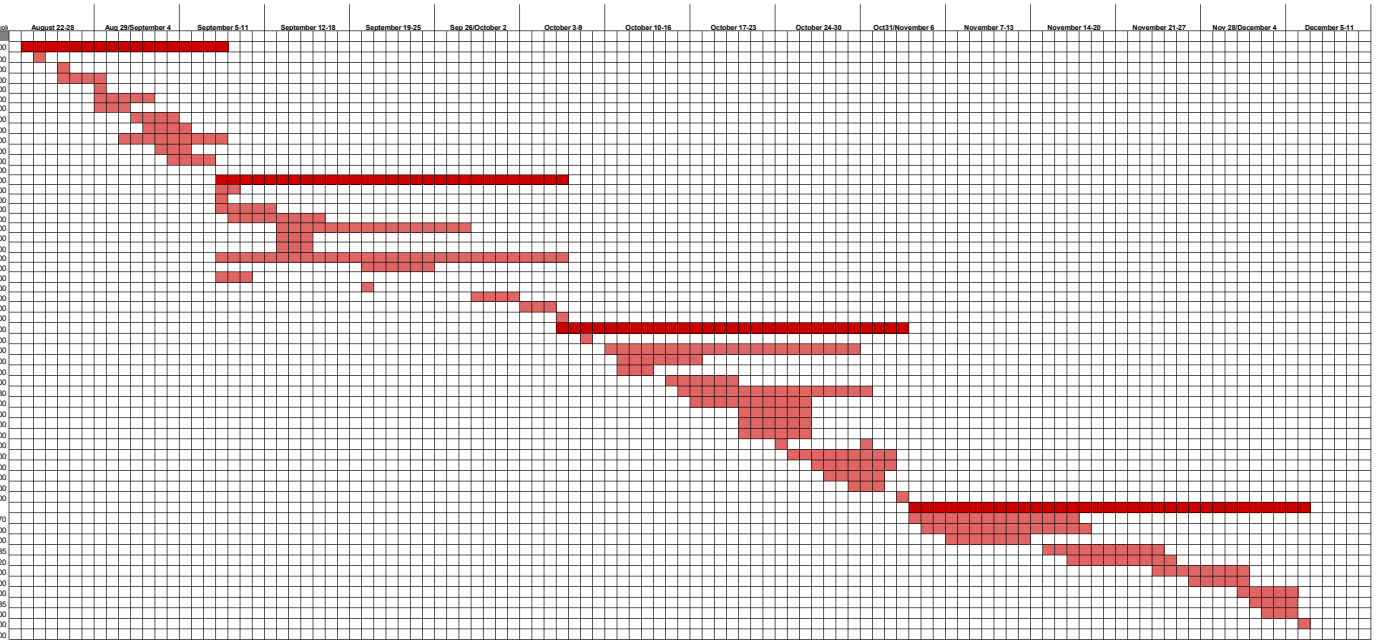Task Number	Task Name	Duration (days)	Start	Finish	% Complete
	Rotating Dynamometer				
1	**Problem Definition**	**16**	**Tue 8/23/16**	**Thu 9/8/16**	100
1.1.1	Review PRP	1	Tue 8/23/16	Wed 8/24/16	100
1.1.2	Interface with Dr. Liu.	1	Thu 8/25/16	Fri 8/26/16	100
1.1.3	Team Norms and Values	3	Fri 8/26/16	Mon 8/29/16	100
1.1.4	Become Familiar with Machine Shop/Bridgeport Machine	1	Mon 8/29/16	Tue 8/30/16	100
1.1.5	Flesh Out Customer Requirements	4	Mon 8/29/16	Fri 9/2/16	100
1.1.6	Define Stakeholders	2	Mon 8/29/16	Wed 8/31/16	100
1.1.7	Define Specific Use Scenarios	3	Thu 9/1/16	Sun 9/4/16	100
1.1.8	Define Engineering Requirements/Constraints	3	Fri 9/2/16	Mon 9/5/16	100
1.1.9	Risk Assesment	8	Wed 8/31/16	Thu 9/8/16	100
1.1.10	House of Quality	2	Sat 9/3/16	Mon 9/5/16	100
1.1.11	Draft of WBS and Project Plan	3	Sun 9/4/16	Wed 9/7/16	100
1.2	**Problem Definition Review**	**0.02**	**Wed 9/7/16**	**Thu 9/8/16**	100
2	**Systems Design**	**27**	**Fri 9/9/16**	**Thu 10/6/16**	100
2.1.1	Functional Analysis	1	Thu 9/8/16	Fri 9/9/16	100
2.1.2	Peer Review and Feedback from Phase 1	1	Thu 9/8/16	Fri 9/9/16	100
2.1.3	Concept Generation	4	Thu 9/8/16	Mon 9/12/16	100
2.1.4	Concept Selection/Morph Chart	7	Fri 9/9/16	Fri 9/16/16	100
2.1.5	Feasibility and Analysis	15	Tue 9/13/16	Wed 9/28/16	100
2.1.6	Functional Decomposition	2	Tue 9/13/16	Thu 9/15/16	100
2.1.7	Systems Architecture	2	Tue 9/13/16	Thu 9/15/16	100
2.1.8	Risk Assesment	28	Thu 9/8/16	Thu 10/6/16	100
2.1.9	Test Plans	5	Tue 9/20/16	Sun 9/25/16	100
2.1.10	Continued Benchmarking	2	Thu 9/8/16	Sat 9/10/16	100
2.1.11	Preliminary SME Meeting with Slack	1	Tue 9/20/16	Wed 9/21/16	100
2.1.12	Update WBS/Project Plan	3	Thu 9/29/16	Sun 10/2/16	100
2.1.13	Upload Documents to EDGE	2	Mon 10/3/16	Wed 10/5/16	100
2.2	**Systems Design Review**	**0.04**	**Wed 10/5/16**	**Thu 10/6/16**	100
3	**Preliminary Detailed Design**	**21**	**Thu 10/13/16**	**Thu 11/3/16**	100
3.1.1	Peer Review and Feedback from Phase 2	1	Sat 10/8/16	Sun 10/9/16	100
3.1.2	Risk Assesment	20	Mon 10/10/16	Sun 10/30/16	100
3.1.3	Requirements Flow down	6	Tue 10/11/16	Mon 10/17/16	100
3.1.4	Benchmarcking - Final Component Selection	2	Tue 10/11/16	Thu 10/13/16	100
3.1.5	EE Calcuations	5	Sat 10/15/16	Thu 10/20/16	100
3.1.6	Full Bill of Materials	15	Sun 10/16/16	Mon 10/31/16	80
3.1.7	ME Deflection Calculations	9	Mon 10/17/16	Wed 10/26/16	100
3.1.8	EE Circuit Schematics	5	Fri 10/21/16	Wed 10/26/16	100
3.1.9	EE Power Calculations	5	Fri 10/21/16	Wed 10/26/16	100
3.1.10	EE Wheatstone Bridge Calculations	5	Fri 10/21/16	Wed 10/26/16	100
3.1.11	Meet with SME (Slack) to review EE stuff	1	Mon 10/24/16	Tue 10/25/16	100
3.1.12	ME CAD Drawings	8	Tue 10/25/16	Wed 11/2/16	100
3.1.13	Update Test Plans	6	Thu 10/27/16	Wed 11/2/16	100
3.1.14	Update WBS/Project Plan	4	Fri 10/28/16	Tue 11/1/16	100
3.1.15	Upload Documents to EDGE	2	Sun 10/30/16	Tue 11/1/16	100
3.2	**Prelim-DDR Review**	**0.04**	**Wed 11/2/16**	**Thu 11/3/16**	100
4	**Detailed Design**	**34**	**Wed 11/2/16**	**Tue 12/6/16**	
4.1.1	Finalize all CAD Drawings	14	Fri 11/4/16	Fri 11/18/16	70
4.1.7	Risk Assesment & Mitigation plans	14	Sat 11/5/16	Sat 11/19/16	100
4.1.3	Finalize all Long Lead Items to be purchased	6	Mon 11/7/16	Sun 11/13/16	100
4.1.5	Mid-Phase Progress Report	9	Tue 11/15/16	Thu 11/24/16	85
4.1.2	Finalize Mounting System for Electronics	8	Thu 11/17/16	Fri 11/25/16	20
4.1.8	Complete Test Plans	7	Thu 11/24/16	Thu 12/1/16	100
4.1.6	Complete Engineering Requirements Flow-down	4	Sun 11/27/16	Thu 12/1/16	100
4.1.9	Start Machining Measurement Structure (Nice to see)	4	Thu 12/1/16	Mon 12/5/16	100
4.1.4	Mount and test Strain Gauges (Nice to see)	3	Fri 12/2/16	Mon 12/5/16	85
4.1.10	Start Machining Tool Acceptor (nice to see)	2	Sat 12/3/16	Mon 12/5/16	100
4.2	**Detailed Design Review**	**0.02**	**Wed 12/7/16**	**Thu 12/8/16**	100
5	**Gate Review**	**0.04**	**Unknown**	**Unknown**	100