

		Name	Duration	% Complete	Start	Finish	Predecessors	Resources	September 2016										October 2016										November 2016										December 2016									
									31	3	6	9	12	15	18	21	24	27	30	3	6	9	12	15	18	21	24	27	30	2	5	8	11	14	17	20	23	26	29	2	5	8	11	14	17	20	23	26
1		⊟Preliminary Research	2w	100%	09/02/2016	09/15/2016		All Members											Preliminary Research - All Members																													
2		Problem Statement	2w	100%	09/02/2016	09/15/2016		All Members											Problem Statement - All Members																													
3		2 State of & Prior Art	2w	100%	09/02/2016	09/15/2016		All Members											2 State of & Prior Art - All Members																													
4		Create Questions for Customer	2w	100%	09/02/2016	09/15/2016		All Members											Create Questions for Customer - All Members																													
5		⊟Preliminary Design Details	10d	100%	09/16/2016	09/29/2016	1												Preliminary Design Details																													
6		Summaries of 2 State of the Art & Prior	2w	100%	09/16/2016	09/29/2016	3	All Members											Summaries of 2 State of the Art & Prior - All Members																													
7		Identify Requirements	2w	100%	09/16/2016	09/29/2016		All Members											Identify Requirements - All Members																													
8		Create House of Quality	2w	100%	09/16/2016	09/29/2016		Jeffery Throp											Create House of Quality - Jeffery Throp																													
9		Create Product Function	1w	100%	09/16/2016	09/22/2016		Muneer Tatum,E											Create Product Function - Muneer Tatum,Ethan Puerto																													
10		Create Functional Model	1w	100%	09/23/2016	09/29/2016	9	Ethan Puerto											Create Functional Model - Ethan Puerto																													
11		Create Gantt Chart	2w	100%	09/16/2016	09/29/2016		Justin Koester											Create Gantt Chart - Justin Koester																													
12		Create Communication Matrix	2w	100%	09/16/2016	09/29/2016		Muneer Tatum											Create Communication Matrix - Muneer Tatum																													
13		Decision Matrix	2w	100%	09/16/2016	09/29/2016		All Members											Decision Matrix - All Members																													
14		⊟Develop PDR	2w	100%	09/30/2016	10/13/2016	5,6	All Members											Develop PDR - All Members																													
15		Summerize Customer Needs	1w	100%	09/30/2016	10/06/2016	7,13	All Members											Summerize Customer Needs - All Members																													
16		Group Data in Affinity Diagram	2w	100%	09/30/2016	10/13/2016	10SF	Ethan Puerto											Group Data in Affinity Diagram - Ethan Puerto																													
17		Rank Relative Importance	2w	100%	09/30/2016	10/13/2016	13	All Members											Rank Relative Importance - All Members																													
18		Gantt Chart	2w	100%	09/30/2016	10/13/2016	11SF	Justin Koester											Gantt Chart - Justin Koester																													
19		Product Function	1w	100%	09/30/2016	10/06/2016	9SF	Muneer Tatum,E											Product Function - Muneer Tatum,Ethan Puerto																													
20		Develop Process Descriptions and Activity Diagrams	1w	100%	10/07/2016	10/13/2016	19	Muneer Tatum,E											Develop Process Descriptions and Activity Diagrams - Muneer Tatum,Ethan Puerto																													
21		Formulate Subfunction	2w	100%	09/30/2016	10/13/2016	9	Ethan Puerto											Formulate Subfunction - Ethan Puerto																													
22		Functional Decomposition	2w	100%	09/30/2016	10/13/2016	9	Ethan Puerto											Functional Decomposition - Ethan Puerto																													
23		Identify Product Architecture & Assemblies	2w	100%	09/30/2016	10/13/2016		Joe Stinson,Just											Identify Product Architecture & Assemblies - Joe Stinson,Justin Koester																													
24		Competitive Benchmark	2w	100%	09/30/2016	10/13/2016		Jeffery Throp											Competitive Benchmark - Jeffery Throp																													
25		Establish Engineering Specifications	2w	100%	09/30/2016	10/13/2016													Establish Engineering Specifications																													
26		Create Specification Sheet	2w	100%	09/30/2016	10/13/2016													Create Specification Sheet																													
27		House of Quality	2w	100%	09/30/2016	10/13/2016	8	Jeffery Throp											House of Quality - Jeffery Throp																													
28		Concept Selection	1w	100%	09/30/2016	10/06/2016	8,9,10,12	All Members											Concept Selection - All Members																													
29		Pugh Decision Matrix	2w	100%	09/30/2016	10/13/2016	13	All Members											Pugh Decision Matrix - All Members																													
30		Refine Top Ranked Concepts	1w	100%	10/07/2016	10/13/2016	28	All Members											Refine Top Ranked Concepts - All Members																													
31		Future Plans	2w	100%	09/30/2016	10/13/2016		All Members											Future Plans - All Members																													
32		⊟Concept Development	15d?	0%	10/14/2016	11/03/2016		All Members											Concept Development - All Members																													
33		Obtaining Measurements	3w?	0%	10/14/2016	11/03/2016													Obtaining Measurements																													
34		Tabulated Data	3w?	0%	10/14/2016	11/03/2016													Tabulated Data																													
35		Real Time Measurements	3w?	0%	10/14/2016	11/03/2016													Real Time Measurements																													
36		Connectivity	3w?	0%	10/14/2016	11/03/2016													Connectivity																													
37		Robust Sensor Housing	3w?	0%	10/14/2016	11/03/2016													Robust Sensor Housing																													
38		⊟Generate Bill of Materials	15d?	0%	11/04/2016	11/24/2016		All Members											Generate Bill of Materials - All Members																													
39		Find Vendors	3w?	0%	11/04/2016	11/24/2016													Find Vendors																													
40		Find Materials	3w?	0%	11/04/2016	11/24/2016													Find Materials																													
41		Find Quotes	2w?	0%	11/04/2016	11/17/2016													Find Quotes																													
42		Material Costs & Quantity	2w?	0%	11/04/2016	11/17/2016													Material Costs & Quantity																													