

ID	Task Name	Duration	Start	Finish
1	Proposal	0 days	Sun 1/12/14	Sun 1/12/14
2	Begin Research	15 days	Mon 1/13/14	Fri 1/31/14
3	Populate Timeline	8 days	Fri 1/17/14	Tue 1/28/14
4	Initial Build	5 days	Fri 1/17/14	Thu 1/23/14
5	Review	1 day	Fri 1/24/14	Fri 1/24/14
6	Complete	3 days	Fri 1/24/14	Tue 1/28/14
7	Software Guidelines	8 days	Fri 1/17/14	Tue 1/28/14
8	Initial Build	8 days	Fri 1/17/14	Tue 1/28/14
9	Review	1 day	Fri 1/24/14	Fri 1/24/14
10	Complete	3 days	Fri 1/24/14	Tue 1/28/14
11	Sensors Specification Research	8 days	Sat 1/18/14	Tue 1/28/14
12	Initial Build	5 days	Sat 1/18/14	Thu 1/23/14
13	Review	1 day	Fri 1/24/14	Fri 1/24/14
14	Complete	3 days	Fri 1/24/14	Tue 1/28/14
15	Power Specification Research	8 days	Sat 1/18/14	Tue 1/28/14
16	Initial Build	5 days	Sat 1/18/14	Thu 1/23/14
17	Review	1 day	Fri 1/24/14	Fri 1/24/14
18	Complete	3 days	Fri 1/24/14	Tue 1/28/14
19	Microcontroller Research	8 days	Sat 1/18/14	Tue 1/28/14
20	Initial Build	5 days	Sat 1/18/14	Thu 1/23/14
21	Review	1 day	Fri 1/24/14	Fri 1/24/14
22	Complete	3 days	Fri 1/24/14	Tue 1/28/14
23	Team Meeting	1 day	Fri 1/24/14	Fri 1/24/14
24	Updated Proposal	5 days	Fri 1/24/14	Thu 1/30/14
25	Team Meeting	1 day	Fri 1/31/14	Fri 1/31/14
26	Design Review One/ Begin Prototyp	0 days	Fri 1/31/14	Fri 1/31/14
27	Initial Build	47 days	Sat 2/1/14	Sun 4/6/14
28	Aquire Parts	7 days	Sat 2/1/14	Sat 2/8/14
29	Team Meeting	1 day	Fri 2/7/14	Fri 2/7/14
30	Hardware	27 days	Sun 2/9/14	Sat 3/15/14
31	Sensor Module Build	27 days	Sun 2/9/14	Sat 3/15/14
32	Signal Conditioning	16 days	Sun 2/9/14	Fri 2/28/14
33	Circuit Protection	12 days	Fri 2/28/14	Sat 3/15/14
34	Power Build	16 days	Sun 2/9/14	Fri 2/28/14

ID	Task Name	Duration	Start	Finish
35	Research Power Demands	7 days	Sun 2/9/14	Sun 2/16/14
36	Research Performance	11 days	Sun 2/16/14	Fri 2/28/14
37	Firmware	25 days	Sun 2/9/14	Sat 3/15/14
38	Microcontroller Build	27 days	Sun 2/9/14	Sat 3/15/14
39	General	6 days	Sun 2/9/14	Fri 2/14/14
40	PSoC Components	22 days	Sun 2/16/14	Sat 3/15/14
41	ADC	12 days	Fri 2/28/14	Sat 3/15/14
42	Timewheel	12 days	Fri 2/28/14	Sat 3/15/14
43	Power Management	12 days	Fri 2/28/14	Sat 3/15/14
44	Team Meeting	1 day	Fri 2/14/14	Fri 2/14/14
45	Team Meeting	1 day	Fri 2/21/14	Fri 2/21/14
46	Team Meeting	1 day	Fri 2/28/14	Fri 2/28/14
47	Assemble System	17 days	Sat 3/1/14	Sat 3/22/14
48	Design Testplan	10 days	Sat 3/1/14	Thu 3/13/14
49	Team Meeting	1 day	Fri 3/7/14	Fri 3/7/14
50	Build Schematics	12 days	Fri 3/7/14	Sat 3/22/14
51	System Testing	7 days	Fri 3/14/14	Sat 3/22/14
52	Team Meeting	1 day	Fri 3/14/14	Fri 3/14/14
53	Team Meeting	1 day	Fri 3/21/14	Fri 3/21/14
54	Functional Prototype	0 days	Sun 3/23/14	Sun 3/23/14
55	Team Meeting	1 day	Fri 3/28/14	Fri 3/28/14
56	Prototype Assesment	6 days	Sat 3/29/14	Fri 4/4/14
57	Research Software/User Interface	24 days	Mon 3/3/14	Thu 4/3/14
58	Research Housing	15 days	Sat 3/15/14	Thu 4/3/14
59	Team Meeting	1 day	Fri 4/4/14	Fri 4/4/14
60	Design Review Two and Revision	0 days	Mon 3/24/14	Mon 3/24/14
61	Revised Build	31 days	Mon 4/7/14	Sun 5/18/14
62	BOM	5 days	Mon 4/7/14	Fri 4/11/14
63	Team Meeting	1 day	Fri 4/11/14	Fri 4/11/14
64	Prototype	4 days	Sat 4/12/14	Wed 4/16/14
65	Board Layout	3 days	Wed 4/16/14	Fri 4/18/14
66	Team Meeting	1 day	Fri 4/18/14	Fri 4/18/14
67	Order BOM	2 days	Fri 4/18/14	Sun 4/20/14
68	Software/User Interface Build	28 days	Thu 4/24/14	Sat 5/31/14

ID	Task Name	Duration	Start	Finish
69	Software	22 days	Thu 4/24/14	Fri 5/23/14
70	User Interface	22 days	Fri 5/2/14	Sat 5/31/14
71	Final Project Assembly	32 days	Sun 4/20/14	Sat 5/31/14
72	Team Meeting	1 day	Fri 4/25/14	Fri 4/25/14
73	Final Report	27 days	Fri 4/25/14	Sat 5/31/14
74	Populate with Information	12 days	Fri 4/25/14	Sat 5/10/14
75	Topics per Team Member	6 days	Fri 4/25/14	Fri 5/2/14
76	Overall Content	7 days	Fri 5/2/14	Sat 5/10/14
77	Refine	11 days	Mon 5/12/14	Sat 5/24/14
78	Finish	6 days	Mon 5/26/14	Sat 5/31/14
79	Populate Boards	6 days	Mon 4/28/14	Sun 5/4/14
80	Team Meeting	1 day	Fri 5/2/14	Fri 5/2/14
81	Team Meeting	1 day	Fri 5/9/14	Fri 5/9/14
82	Poster	17 days	Fri 5/9/14	Sat 5/31/14
83	Decide on Content	1 day	Fri 5/9/14	Fri 5/9/14
84	Layout	11 days	Sat 5/10/14	Fri 5/23/14
85	Projector Mock Up	1 day	Fri 5/23/14	Fri 5/23/14
86	Finish and Aquire	7 days	Sat 5/24/14	Sat 5/31/14
87	Team Meeting	1 day	Fri 5/16/14	Fri 5/16/14
88	Final Unit Completion	0 days	Sun 5/18/14	Sun 5/18/14
89	Team Meeting	1 day	Fri 5/23/14	Fri 5/23/14
90	Team Meeting	1 day	Fri 5/30/14	Fri 5/30/14
91	Final	6 days	Sun 6/1/14	Fri 6/6/14
92	Presentation Practice	5 days	Sun 6/1/14	Thu 6/5/14
93	Present/Wrap Up	0 days	Fri 6/6/14	Fri 6/6/14
94	Team Meeting	1 day	Fri 6/6/14	Fri 6/6/14