











































T15-PROJECT SCHEDULE

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ID	Task Mode	Task Name	Duration	Start	Finish
1		1 Plan	106.38 days?	Mon 11/10/14	Tue 2/24/15
2		1.1 Teaming up and Meeting with Advisor	3.33 days	Mon 11/10/14	Thu 11/20/14
3		1.2 Understanding the project and its requiremetns	15.56 days	Mon 11/10/14	Wed 1/7/15
4		1.3 Meeting with sponsors	0.33 days	Thu 12/4/14	Thu 12/4/14
5		1.4 Reviewing the existing design and gathing info about the requirements	8.67 days	Fri 12/5/14	Thu 1/8/15
6		1.5 Meeting with sponsors	0.33 days?	Thu 1/8/15	Thu 1/8/15
7		1.6 Concept Generation and Evaluation	0.33 days?	Fri 1/9/15	Fri 1/9/15
8		1.7 Write up the preliminary project proposal	0.67 days	Sun 1/11/15	Tue 1/13/15
9		1.8 Review project proposal	1 day	Wed 1/14/15	Fri 1/16/15
10		1.9 Present Project Proposal	1 hr	Tue 2/24/15	Tue 2/24/15
11		1.10 Develop project requirement	47.38 days	Thu 1/8/15	Tue 2/24/15
12		1.10.1 Develop the general project requirement	3.67 days	Thu 1/8/15	Tue 1/20/15
13		1.10.2 Write up the detail project requirement	2 days	Sun 1/25/15	Wed 1/28/15
14		1.10.3 Review project requirement document	1 day	Mon 2/2/15	Tue 2/3/15
15		1.10.4 Gain Sponsor approval of requirements	0 days	Tue 2/24/15	Tue 2/24/15
16					
17		2 Design	52.38 days?	Fri 1/9/15	Mon 3/2/15
18		2.1 Determine the necessary functional blocks	4.33 days	Fri 1/9/15	Fri 1/23/15
19		2.2 Review the block layout	0.33 days	Sun 1/25/15	Mon 1/26/15
20		2.3 Determine the design concept of each block: problem to solve and available	1.71 days	Sun 2/1/15	Fri 2/6/15
21		2.4 Write the test plan	2 days	Wed 2/4/15	Fri 2/6/15
22		2.5 Review the test plan	0.33 days	Fri 2/6/15	Sat 2/7/15
23		2.6 Design the preliminary circuitry	2.67 days	Mon 2/2/15	Wed 2/11/15
24		2.7 Review the circuit design	1 day	Thu 2/12/15	Sat 2/14/15
25		2.8 Generate the circuitry schematic and PCB layout on Eagle CAD	1.67 days	Mon 2/16/15	Fri 2/20/15
26		2.9 Review and revise primilinary design	0.33 days	Fri 2/20/15	Sat 2/21/15
27		2.10 Finalize the premilinary schematic and PCB design	2 days	Mon 2/23/15	Sat 2/28/15
28		2.11 Review the design with the sponsors	0.43 days?	Fri 2/27/15	Mon 3/2/15
29		2.12 Specify the component for the design	7 days?	Fri 2/6/15	Fri 2/27/15
30		2.13 Place oredr for the components	0.71 days?	Sat 2/28/15	Mon 3/2/15
31		3 Build	88.38 days?	Mon 2/9/15	Fri 5/8/15



















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ID	Task Mode	Task Name	Duration	Start	Finish
32		3.1 Write the code for the user interface	5.33 days	Mon 2/23/15	Sat 2/28/15
33		3.2 Program the MCU	5.33 days?	Mon 2/9/15	Sat 2/28/15
34		3.3 Prototype the main board and sensor board	3.67 days?	Tue 3/3/15	Tue 3/17/15
35		3.4 Debug the codes	3.33 days?	Tue 3/17/15	Tue 3/24/15
36		3.5 Test the system's functionality	2.04 days	Thu 4/2/15	Tue 4/7/15
37		3.6 Test the design	14.38 days	Thu 4/2/15	Thu 4/16/15
38		3.6.1 Test the system's functionality	2.04 days	Thu 4/2/15	Tue 4/7/15
39		3.6.2 Build the system on PCB	1.67 days	Fri 4/10/15	Thu 4/16/15
40		3.7 Design and build the device closure (box)	1.67 days	Fri 4/17/15	Tue 4/21/15
41		3.8 Complete the system building	3.71 days	Wed 4/22/15	Thu 4/30/15
42		3.9 Perform the final test	1.96 days	Tue 4/28/15	Thu 4/30/15
43		3.10 Write the operation manual	1.67 days	Tue 5/5/15	Wed 5/6/15
44		3.11 Review the operation manual	2 days	Fri 5/1/15	Fri 5/8/15
45		4 Test	1 day?	Sun 11/9/14	Mon 11/10/14
46		5 Present	16.38 days	Sat 5/9/15	Mon 5/25/15
47		5.1 Complete the presentation documents (slides)	1 day	Sat 5/9/15	Mon 5/11/15
48		5.2 Review the presentation documents	0.33 days	Mon 5/11/15	Wed 5/13/15
49		5.3 Final presentation of the system	0.63 days	Mon 5/18/15	Mon 5/25/15
50		6 WPR	203.01 days	Thu 11/13/14	Thu 6/4/15
51		6.1 WPR 1	15 mins	Thu 11/13/14	Thu 11/13/14
52		6.2 WPR 2	15 mins	Thu 11/20/14	Thu 11/20/14
53		6.3 WPR 3	15 mins	Thu 11/27/14	Thu 11/27/14
54		6.4 WPR 4	15 mins	Thu 12/4/14	Thu 12/4/14
55		6.5 WPR 5	15 mins	Thu 12/11/14	Thu 12/11/14
56		6.6 WPR 6	15 mins	Thu 12/18/14	Thu 12/18/14
57		6.7 WPR 7	15 mins	Thu 12/25/14	Thu 12/25/14
58		6.8 WPR 8	15 mins	Thu 1/1/15	Thu 1/1/15
59		6.9 WPR 9	15 mins	Thu 1/8/15	Thu 1/8/15
60		6.10 WPR 10	15 mins	Thu 1/15/15	Thu 1/15/15
61		6.11 WPR 11	15 mins	Thu 1/22/15	Thu 1/22/15
62		6.12 WPR 12	15 mins	Thu 1/29/15	Thu 1/29/15

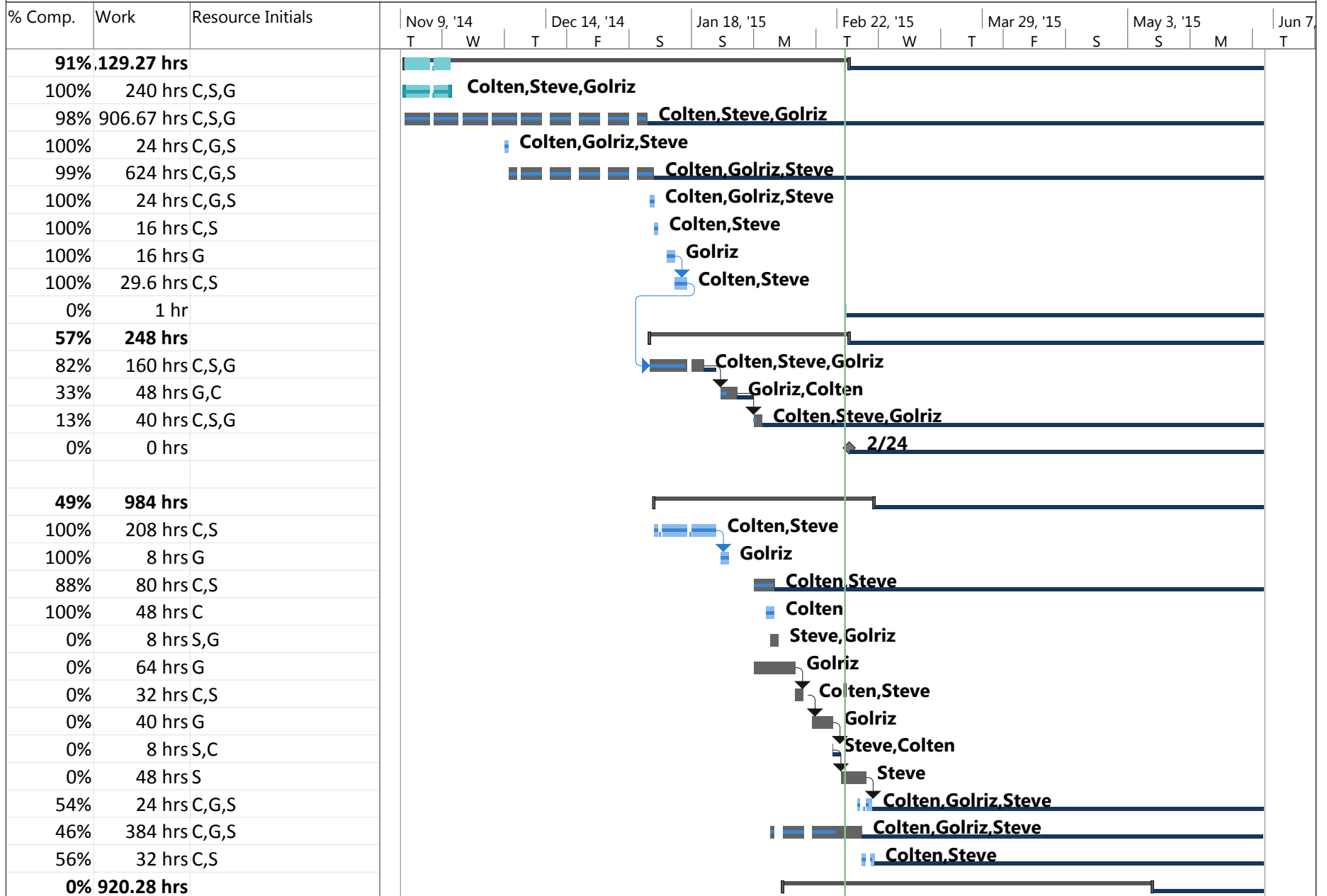
T15-PROJECT SCHEDULE

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ID	Task Mode	Task Name	Duration	Start	Finish
63		6.13 WPR 13	15 mins	Thu 2/5/15	Thu 2/5/15
64		6.14 WPR 14	15 mins	Thu 2/12/15	Thu 2/12/15
65		6.15 WPR 15	15 mins	Thu 2/19/15	Thu 2/19/15
66		6.16 WPR 16	15 mins	Thu 2/26/15	Thu 2/26/15
67		6.17 WPR 17	15 mins	Thu 3/5/15	Thu 3/5/15
68		6.18 WPR 18	15 mins	Thu 3/12/15	Thu 3/12/15
69		6.19 WPR 19	15 mins	Thu 3/19/15	Thu 3/19/15
70		6.20 WPR 20	15 mins	Thu 3/26/15	Thu 3/26/15
71		6.21 WPR 21	15 mins	Thu 4/2/15	Thu 4/2/15
72		6.22 WPR 22	15 mins	Thu 4/9/15	Thu 4/9/15
73		6.23 WPR 23	15 mins	Thu 4/16/15	Thu 4/16/15
74		6.24 WPR 24	15 mins	Thu 4/23/15	Thu 4/23/15
75		6.25 WPR 25	15 mins	Thu 4/30/15	Thu 4/30/15
76		6.26 WPR 26	15 mins	Thu 5/7/15	Thu 5/7/15
77		6.27 WPR 27	15 mins	Thu 5/14/15	Thu 5/14/15
78		6.28 WPR 28	15 mins	Thu 5/21/15	Thu 5/21/15
79		6.29 WPR 29	15 mins	Thu 5/28/15	Thu 5/28/15
80		6.30 WPR 30	15 mins	Thu 6/4/15	Thu 6/4/15

T15-PROJECT SCHEDULE






















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ID: T15_GEN_SCH_V1.0 Version: 1.0 Date: 11/09/2014

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Task		Manual Task		Deadline	
Split		Duration-only		Critical	
Milestone		Manual Summary Rollup		Critical Split	
Summary		Manual Summary		Late	
Project Summary		Start-only		Progress	
Inactive Task		Finish-only		Manual Progress	
Inactive Milestone		External Tasks		Slack	
Inactive Summary		External Milestone	