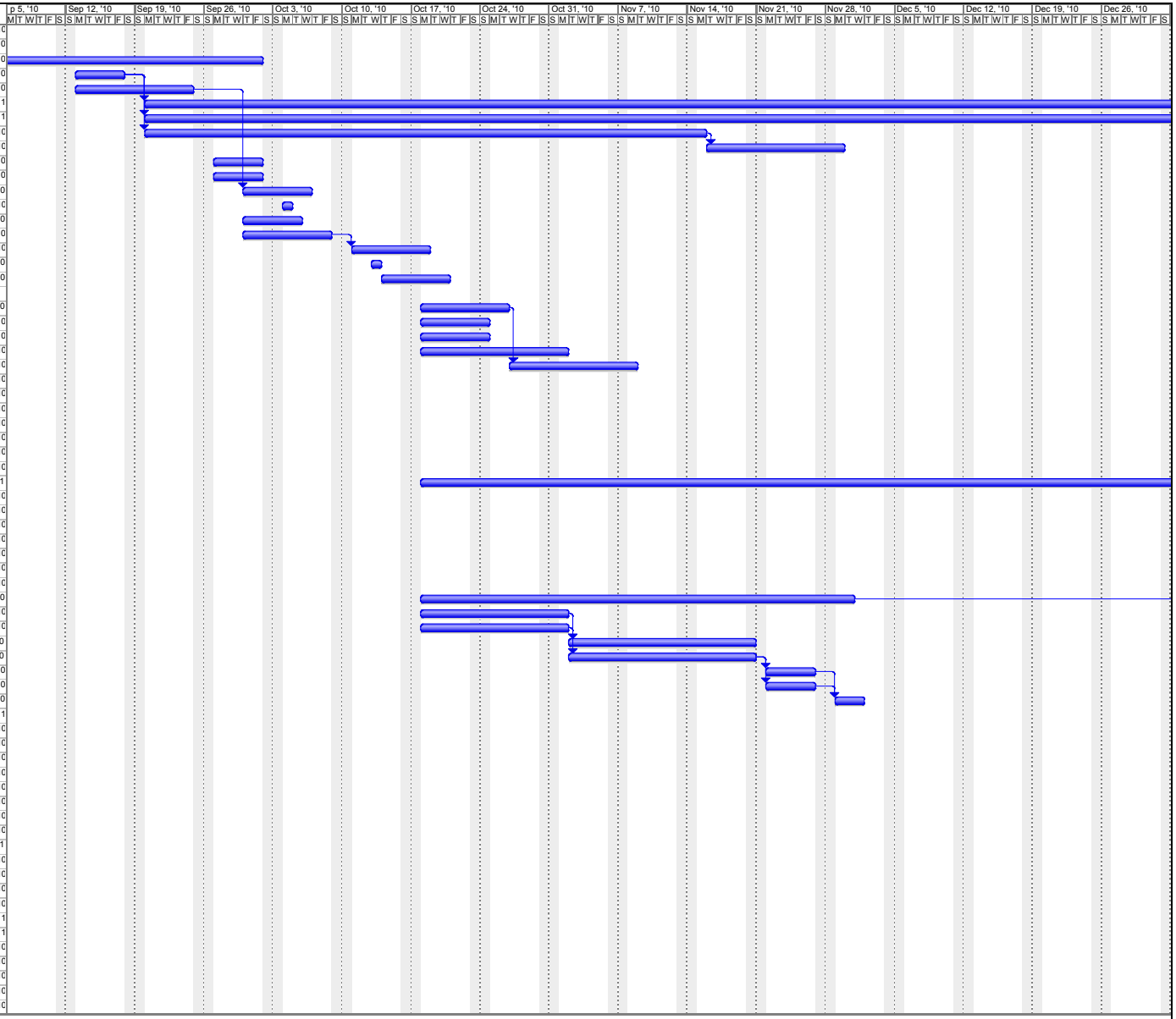
ID		Task Name	Duration	Start	Finish
1		Decide on project	1 day	Mon 7/12/10	Mon 7/12/10
2		Find group	4 wks	Mon 7/12/10	Fri 8/6/10
3		Seek sponsor or mentor	8 wks	Mon 8/9/10	Fri 10/1/10
4		Submit proposal	5 days	Mon 9/13/10	Fri 9/17/10
5		Determine guidelines for project	2 wks	Mon 9/13/10	Fri 9/24/10
6		Research	165 days?	Mon 9/20/10	Fri 5/6/11
7		Design	165 days?	Mon 9/20/10	Fri 5/6/11
8		PPFS Draft	41 days?	Mon 9/20/10	Mon 11/15/10
9		PPFS Revision	10 days?	Tue 11/16/10	Mon 11/29/10
10		Project Poster	5 days	Mon 9/27/10	Fri 10/1/10
11		Preliminary Budget	5 days	Mon 9/27/10	Fri 10/1/10
12		Preliminary Project Presentation	5 days	Thu 9/30/10	Wed 10/6/10
13		(NP) Resume Revisions Due	1 day	Mon 10/4/10	Mon 10/4/10
14		PPFS ToC	4 days?	Thu 9/30/10	Tue 10/5/10
15		WBS (No scheduling)	7 days?	Thu 9/30/10	Fri 10/8/10
16		WBS (With sheduling)	6 days?	Mon 10/11/10	Mon 10/18/10
17		Team Devotions!	1 day?	Wed 10/13/10	Wed 10/13/10
18		Project Brief to Industrial Consultant	5 days	Thu 10/14/10	Wed 10/20/10
19					
20		Meet with Others	7 days?	Mon 10/18/10	Tue 10/26/10
21		a) Description of the Problem	5 days?	Mon 10/18/10	Sun 10/24/10
22		b) Objectives and Constraints	5 days?	Mon 10/18/10	Sun 10/24/10
23		c) Determine Retail Target Price	11 days?	Mon 10/18/10	Mon 11/1/10
24		Define Project Scope and Functionality	9 days?	Wed 10/27/10	Mon 11/8/10
25		a) Brainstorm Functionality and Arch.	1 day?	Mon 7/12/10	Mon 7/12/10
26		b) Determine alternative solutions	1 day?	Mon 7/12/10	Mon 7/12/10
27		c) Create design matrices	1 day?	Mon 7/12/10	Mon 7/12/10
28		d) Perform trade studies	1 day?	Mon 7/12/10	Mon 7/12/10
29		e) Determine how solution is unique	1 day?	Mon 7/12/10	Mon 7/12/10
30		f) Meet and discuss with experts and clients	1 day?	Mon 7/12/10	Mon 7/12/10
31		Implement Chosen Design	1 day?	Mon 7/12/10	Mon 7/12/10
32		a) Inplement total-system power monitoring	85 days?	Mon 10/18/10	Sat 2/12/11
33		a.i) Power efficeincy analysis	1 day?	Mon 7/12/10	Mon 7/12/10
34		a.ii) Cost analysis	1 day?	Mon 7/12/10	Mon 7/12/10
35		a.iii) Prototype total-system power monitor	1 day?	Mon 7/12/10	Mon 7/12/10
36		a.iv) Write verification and test plan	1 day?	Mon 7/12/10	Mon 7/12/10
37		a.v) Functionality test	1 day?	Mon 7/12/10	Mon 7/12/10
38		a.vi) Long-term functionality test	1 day?	Mon 7/12/10	Mon 7/12/10
39		a.vii) Revise design based on test results	1 day?	Mon 7/12/10	Mon 7/12/10
40		b) Implement circuit-by-circuit monitoring	32 days?	Mon 10/18/10	Tue 11/30/10
41		b.i) Power efficiency analysis	11 days?	Mon 10/18/10	Mon 11/1/10
42		b.ii) Cost analysis	11 days?	Mon 10/18/10	Mon 11/1/10
43		b.iii) Prototype units	14 days?	Tue 11/2/10	Sat 11/20/10
44		b.iv) Write verification and test plan	14 days?	Tue 11/2/10	Sat 11/20/10
45		b.v) Functionality test	5 days?	Mon 11/22/10	Fri 11/26/10
46		b.vi) Long-term Functionality Test	5 days?	Mon 11/22/10	Fri 11/26/10
47		b.vii) Revise based on test results	3 days	Mon 11/29/10	Wed 12/1/10
48		c) Implement base-station	34 days?	Tue 2/1/11	Fri 3/18/11
49		c.i) Cost analysis	1 day?	Mon 7/12/10	Mon 7/12/10
50		c.ii) Prototype HW/SW	1 day?	Mon 7/12/10	Mon 7/12/10
51		c.iii) Integrate HW/SW	1 day?	Mon 7/12/10	Mon 7/12/10
52		c.iv) Write verification and test plan	1 day?	Mon 7/12/10	Mon 7/12/10
53		c.v) Functionality test	1 day?	Mon 7/12/10	Mon 7/12/10
54		c.vi) Long-term functionality test	1 day?	Mon 7/12/10	Mon 7/12/10
55		c.vii) User interface test	1 day?	Mon 7/12/10	Mon 7/12/10
56		c.viii) Revise design based on test results	1 day?	Mon 7/12/10	Mon 7/12/10
57		Test subsystem interoperablity	11 days?	Fri 4/1/11	Sat 4/16/11
58		a) Write testing and verification plan	1 day?	Mon 7/12/10	Mon 7/12/10
59		b) Test inter-system communication	1 day?	Mon 7/12/10	Mon 7/12/10
60		c) Functionality test	1 day?	Mon 7/12/10	Mon 7/12/10
61		d) Long-term functionality test	1 day?	Mon 7/12/10	Mon 7/12/10
62		Communicate Results	1 day?	Fri 5/13/11	Sun 5/15/11
63		a) Document Design Decisions (Written)	1 day?	Fri 5/13/11	Sun 5/15/11
64		b) Write PPFS	1 day?	Mon 7/12/10	Mon 7/12/10
65		c) Document results of testing (written)	1 day?	Mon 7/12/10	Mon 7/12/10
66		d) Create installation and use manual(s).	1 day?	Mon 7/12/10	Mon 7/12/10
67		e) Write a plan for further testing all systems	1 day?	Mon 7/12/10	Mon 7/12/10
68		f) Final project presentation	1 day?	Mon 7/12/10	Mon 7/12/10



Project: Senior Project Gantt
Date: Tue 5/10/11

Task | Progress | Summary | External Tasks | Deadline
Split | Milestone | Project Summary | External Milestone