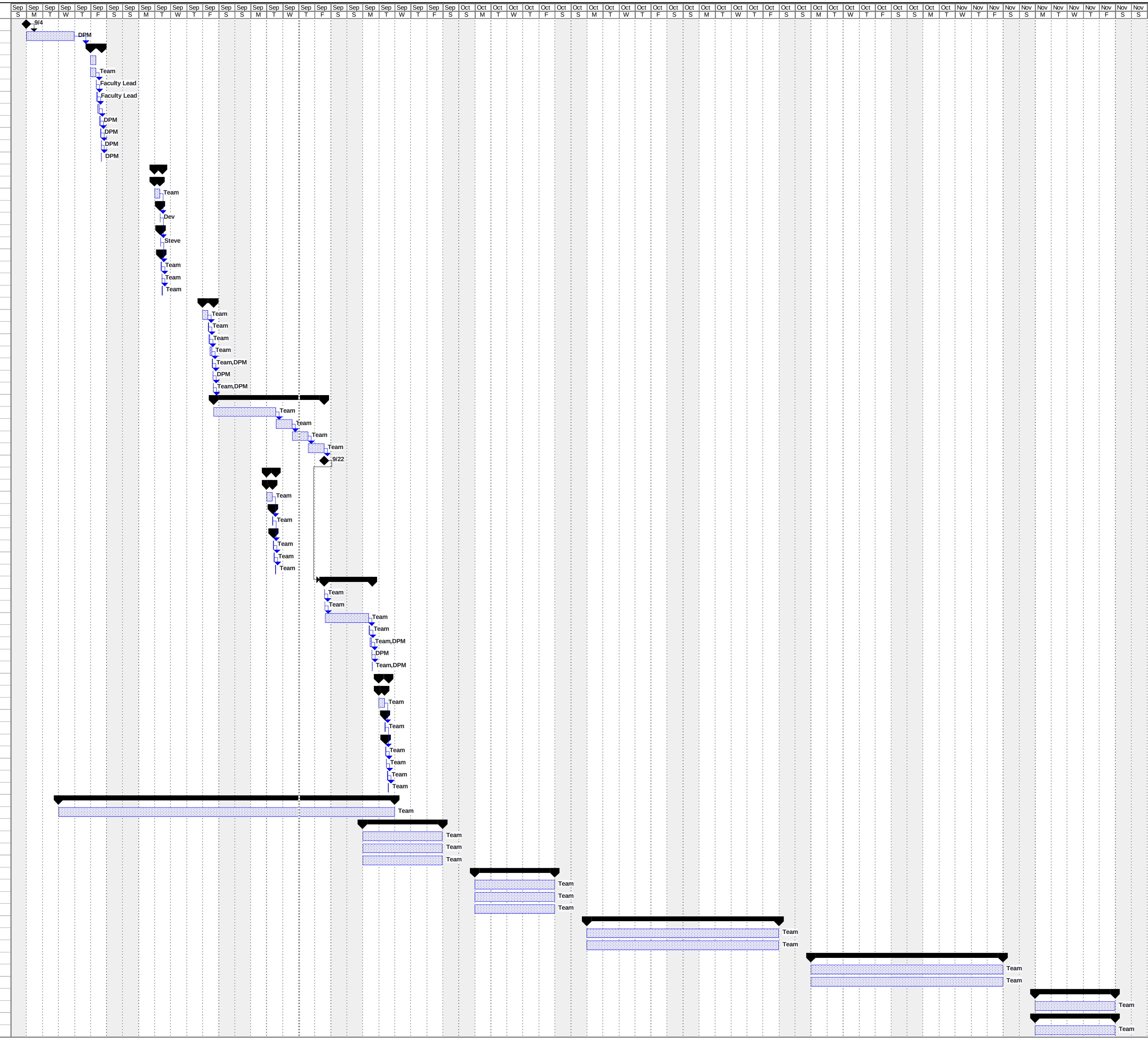
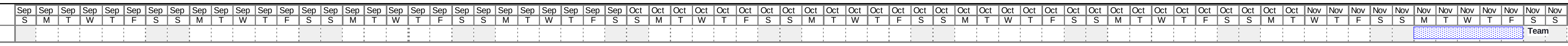
ID	Task Name	Duration	Start	Finish	Predecessors
1	Start of Fall Quarter	0 days	Mon 9/4/06	Mon 9/4/06	
2	Project Selection	3 days	Mon 9/4/06	Wed 9/6/06	1
3	**Workshop 1: Know the Customer & Your Team**	**0.97 days**	**Fri 9/8/06**	**Fri 9/8/06**	**2**
4	Course Logistics	45 mins	Fri 9/8/06	Fri 9/8/06	
5	Ice Breaker	45 mins	Fri 9/8/06	Fri 9/8/06	
6	Project Background	30 mins	Fri 9/8/06	Fri 9/8/06	5
7	Project Planning	1.25 hrs	Fri 9/8/06	Fri 9/8/06	6
8	Break	1.75 hrs	Fri 9/8/06	Fri 9/8/06	7
9	Needs Assessment Exercises/Tours	1.5 hrs	Fri 9/8/06	Fri 9/8/06	8
10	Needs Assessment mini-Workshop	1 hr	Fri 9/8/06	Fri 9/8/06	9
11	Create Day's Summary	30 mins	Fri 9/8/06	Fri 9/8/06	10
12	5-Minute Project Updates	30 mins	Fri 9/8/06	Fri 9/8/06	11
13	**Out of Class Assignments (Weekly Meeting)**	**0.48 days**	**Tue 9/12/06**	**Tue 9/12/06**	
14	**Roles & Responsibilities**	**0.02 days**	**Tue 9/12/06**	**Tue 9/12/06**	
15	1st Draft of the Roles & Responsibilities Excel Spreadsheet	10 mins	Tue 9/12/06	Tue 9/12/06	
16	**Project Summary**	**0.06 days**	**Tue 9/12/06**	**Tue 9/12/06**	
17	1st Draft of the One Page Project Summary	30 mins	Tue 9/12/06	Tue 9/12/06	15
18	**Schedule**	**0.13 days**	**Tue 9/12/06**	**Tue 9/12/06**	
19	Customize the 3-Week Generic Project Schedule	1 hr	Tue 9/12/06	Tue 9/12/06	17
20	**Needs Development**	**0.15 days**	**Tue 9/12/06**	**Tue 9/12/06**	
21	Perform Needs Assessment	1 hr	Tue 9/12/06	Tue 9/12/06	19
22	Split the Needs into Sections to Complete for the Needs Assessment	10 mins	Tue 9/12/06	Tue 9/12/06	21
23	Meet With Team Guide	1 hr	Tue 9/12/06	Tue 9/12/06	22
24	**Workshop 2: Translating Needs to Specifications**	**0.94 days**	**Fri 9/15/06**	**Fri 9/15/06**	
25	Workshop Overview	30 mins	Fri 9/15/06	Fri 9/15/06	
26	Translating Customer Needs to Specifications	1 hr	Fri 9/15/06	Fri 9/15/06	25
27	Specification Development mini-Workshop	1.5 hrs	Fri 9/15/06	Fri 9/15/06	26
28	Break	2 hrs	Fri 9/15/06	Fri 9/15/06	27
29	Specification Development Project Work	1.5 hrs	Fri 9/15/06	Fri 9/15/06	28
30	Create Day's Summary	30 mins	Fri 9/15/06	Fri 9/15/06	29
31	5-Min Project Updates	30 mins	Fri 9/15/06	Fri 9/15/06	30
32	**Specification and Initial Concept Development**	**4.75 days**	**Fri 9/15/06**	**Fri 9/22/06**	**31**
33	Brainstrom Alternate Solutions - Encourage Creativity & Focus on Empathy	1.75 days	Fri 9/15/06	Tue 9/19/06	
34	Brainstorm/Organize/Reconcile and Document Final Needs	1 day	Tue 9/19/06	Wed 9/20/06	33
35	Translate Needs into Quantifiable & Testable Requirements (QFD HOQ)	1 day	Wed 9/20/06	Thu 9/21/06	34
36	Develop Intitial Test Document (Know how you will Validate Your Design)	1 day	Thu 9/21/06	Fri 9/22/06	35
37	Needs and Specifications Document Complete	0 days	Fri 9/22/06	Fri 9/22/06	36
38	**Out of Class Assignments (Weekly Meeting)**	**0.63 days**	**Tue 9/19/06**	**Tue 9/19/06**	
39	**Roles & Responsibilities**	**0.13 days**	**Tue 9/19/06**	**Tue 9/19/06**	
40	Update the Roles & Responsibilities Excel Spreadsheet	1 hr	Tue 9/19/06	Tue 9/19/06	
41	**Project Summary**	**0.13 days**	**Tue 9/19/06**	**Tue 9/19/06**	
42	2nd Draft of the One Page Project Summary	1 hr	Tue 9/19/06	Tue 9/19/06	40
43	**Schedule**	**0.13 days**	**Tue 9/19/06**	**Tue 9/19/06**	
44	Extend the 3-Week Generic Project Schedule to the 11 week Quarter	1 hr	Tue 9/19/06	Tue 9/19/06	42
45	Complete Specifications Document	1 hr	Tue 9/19/06	Tue 9/19/06	44
46	Meet With Team Guide	1 hr	Tue 9/19/06	Tue 9/19/06	45
47	**Workshop 3: Concept Generation and Development**	**1 day**	**Fri 9/22/06**	**Mon 9/25/06**	**37**
48	Workshop Overview	30 mins	Fri 9/22/06	Fri 9/22/06	
49	Intro to Concept Generation	1 hr	Fri 9/22/06	Fri 9/22/06	48
50	Concept Generation mini-Workshop	2 hrs	Fri 9/22/06	Mon 9/25/06	49
51	Break	2 hrs	Mon 9/25/06	Mon 9/25/06	50
52	Concept Development Project Work	1.5 hrs	Mon 9/25/06	Mon 9/25/06	51
53	Create Day's Summary	30 mins	Mon 9/25/06	Mon 9/25/06	52
54	5-Min Project Updates	30 mins	Mon 9/25/06	Mon 9/25/06	53
55	**Out of Class Assignments (Weekly Meeting)**	**0.75 days**	**Tue 9/26/06**	**Tue 9/26/06**	
56	**Roles & Responsibilities**	**0.13 days**	**Tue 9/26/06**	**Tue 9/26/06**	
57	Update Excel Spreadsheet	1 hr	Tue 9/26/06	Tue 9/26/06	
58	**Schedule**	**0.13 days**	**Tue 9/26/06**	**Tue 9/26/06**	
59	Update 11-Week Project Schedule	1 hr	Tue 9/26/06	Tue 9/26/06	57
60	**Project Summary**	**0.13 days**	**Tue 9/26/06**	**Tue 9/26/06**	
61	Update 1st One Page Project Summary	1 hr	Tue 9/26/06	Tue 9/26/06	59
62	Modify, Update, and/or Refine the Problem Statement	1 hr	Tue 9/26/06	Tue 9/26/06	61
63	Develop at Least 3 Competing Design Concepts	1 hr	Tue 9/26/06	Tue 9/26/06	62
64	Meet With Team Guide	1 hr	Tue 9/26/06	Tue 9/26/06	63
65	**Phase 1 Concept Development (wks 1-3)**	**15 days**	**Wed 9/6/06**	**Tue 9/26/06**	
66	Detailed, quantitative target specifications mapped to customer needs	3 wks	Wed 9/6/06	Tue 9/26/06	
67	**Phase 1 Concept Development Cont. (wk 4)**	**5 days**	**Mon 9/25/06**	**Fri 9/29/06**	
68	Develop multiple concepts (on paper) and select most feasible	1 wk	Mon 9/25/06	Fri 9/29/06	
69	Update Specifications	1 wk	Mon 9/25/06	Fri 9/29/06	
70	Customer Feedback	1 wk	Mon 9/25/06	Fri 9/29/06	
71	**Phase 2 System-Level Design (wk 5)**	**5 days**	**Mon 10/2/06**	**Fri 10/6/06**	
72	System design including architecture, sub-system definition, interface definition, and more detailed specifications	1 wk	Mon 10/2/06	Fri 10/6/06	
73	Appropriate engineering analysis including hand calculations and simulation/modeling	1 wk	Mon 10/2/06	Fri 10/6/06	
74	Determine greates challenges/risks to project	1 wk	Mon 10/2/06	Fri 10/6/06	
75	**Phase 2 System-Level Design Cont. (wks 6-7)**	**10 days**	**Mon 10/9/06**	**Fri 10/20/06**	
76	Proof of concept breadboard, brassboard, or simulation of high risk technologies	2 wks	Mon 10/9/06	Fri 10/20/06	
77	Design review including risk assessment for technology/cost/schedule	2 wks	Mon 10/9/06	Fri 10/20/06	
78	**Phase 3 Detail Design (wks 8-9)**	**10 days**	**Mon 10/23/06**	**Fri 11/3/06**	
79	Detailed design to meet all customer needs	2 wks	Mon 10/23/06	Fri 11/3/06	
80	Design Review	2 wks	Mon 10/23/06	Fri 11/3/06	
81	**Phase 3 Detail Design Cont. (wk 10)**	**5 days**	**Mon 11/6/06**	**Fri 11/10/06**	
82	Detailed test plan with linkage to engineering specifications and customer needs	1 wk	Mon 11/6/06	Fri 11/10/06	
83	**Phase 3 Detail Design Cont. (wk 10)**	**5 days**	**Mon 11/6/06**	**Fri 11/10/06**	
84	Project plan for SDII	1 wk	Mon 11/6/06	Fri 11/10/06	



Project: SD Sample 3wk Plan
Date: Thu 9/21/06

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

ID	Task Name	Duration	Start	Finish	Predecessors
85	Project Review	1 wk	Mon 11/6/06	Fri 11/10/06