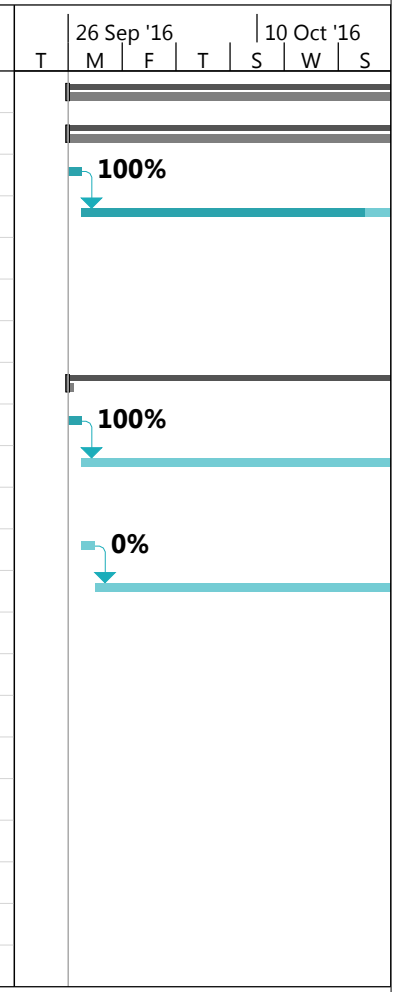
Cansat 2016 Project EKC Dover 12Dec

ID	Task Mode	Task Name	Duration	Start	Finish
1		**Complete Project Cansat EKC Spitfires 2016**	**114 days?**	**Mon 26/09/16**	**Thu 02/03/17**
2		**1.0 Mechanical design**	**77 days**	**Mon 26/09/16**	**Tue 10/01/17**
3		1.1 Brainstorming	1 day	Mon 26/09/16	Mon 26/09/16
4		1.2 Design Can on CAD	30 days	Tue 27/09/16	Mon 07/11/16
5		1.3 Manufacture Protype 3D printing	21 days	Tue 08/11/16	Tue 06/12/16
6		1.4 Test Protype	5 days	Wed 07/12/16	Tue 13/12/16
7		1.5 Impact control	20 days	Wed 14/12/16	Tue 10/01/17
8		**2.0 Electronics hardware**	**68 days?**	**Mon 26/09/16**	**Wed 28/12/16**
9		2.1 Brainstorming	1 day	Mon 26/09/16	Mon 26/09/16
10		2.2 Protype primary mission	31 days	Tue 27/09/16	Tue 08/11/16
11		2.2.1 Calibrate primary mission	1 day?	Wed 09/11/16	Wed 09/11/16
12		2.3 Brainstorm secondry mission	1 day	Tue 27/09/16	Tue 27/09/16
13		2.3.1 Protype secondry mission	50 days	Wed 28/09/16	Tue 06/12/16
14		2.3.2 Calibrate secondry mission	1 day?	Wed 07/12/16	Wed 07/12/16
15		2.4 Test combined missions	1 day?	Thu 08/12/16	Thu 08/12/16
16		2.5 Protype solar panels	1 day	Fri 09/12/16	Fri 09/12/16
17		2.5.1 test sollar panels			
18		2.6 Protype Sheilding			
19		2.6.1 Test Sheilding			
20		2.7 Component compliance			
21		2.7.1 component Location			
22		2.7.2 component Vibration Profing			



Critical	Manual Task	Baseline Milestone	External Tasks
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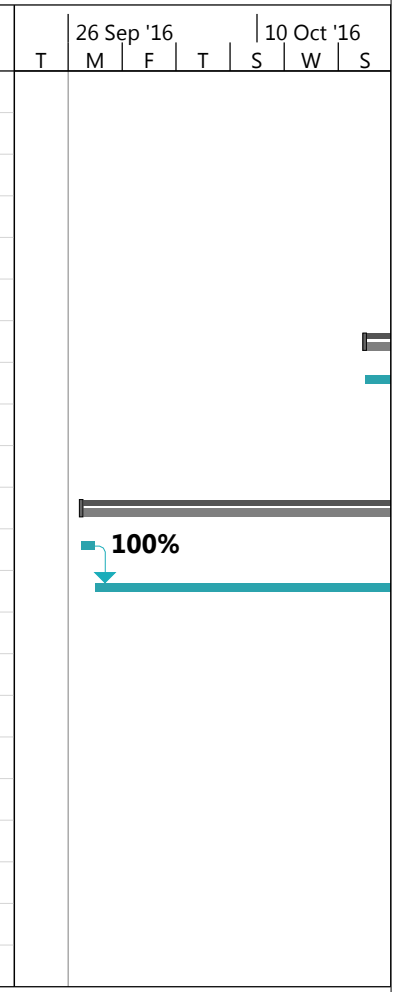
23		2.8.1 PCB design	31 days	Tue 01/11/16	Tue 13/12/16
24		2.8.2 PCB board manufacture	1 day	Wed 14/12/16	Wed 14/12/16
25		2.8.3 PCB test	7 days	Thu 15/12/16	Fri 23/12/16
26		2.8.4 Final changes to PCB layout	1 day	Mon 26/12/16	Mon 26/12/16
27		2.8.5 Order PCBS	1 day	Tue 27/12/16	Tue 27/12/16
28		2.8.6 Populate and test sensor	1 day	Wed 28/12/16	Wed 28/12/16
29		**3.0 Software programming**	**98 days**	**Tue 18/10/16**	**Thu 02/03/17**
30	✓	3.1 Cansat software ver 1	40 days	Tue 18/10/16	Mon 12/12/16
31		3.2 Cansat software ver 2	37 days	Tue 13/12/16	Wed 01/02/17
32		3.3 Cansat software Final	21 days	Thu 02/02/17	Thu 02/03/17
33		**4.0 Parachute**	**94 days**	**Tue 27/09/16**	**Fri 03/02/17**
34	✓	4.1 Brainstorming	1 day	Tue 27/09/16	Tue 27/09/16
35	✓	4.2 Make Calculations for paracute	31 days	Wed 28/09/16	Wed 09/11/16
36	✓	4.3 make protype parachute	23 days	Thu 10/11/16	Mon 12/12/16
37		4.4 Test parachute in wind tunnel	6 days	Mon 16/01/17	Mon 23/01/17
38		4.5 Drop Test parachute with dummy can	9 days	Tue 24/01/17	Fri 03/02/17
39		**5.0 Radio communication**	**7 days?**	**Fri 04/11/16**	**Mon 14/11/16**
40	✓	5.1 Brainstorming	1 day	Fri 04/11/16	Fri 04/11/16
41		5.2 Protype radio comunications	6 days	Mon 07/11/16	Mon 14/11/16
42		5.2.1 test radio comunications short range			
43		5.3 Protype Long range arial			
44		5.3.1 test long range arial			



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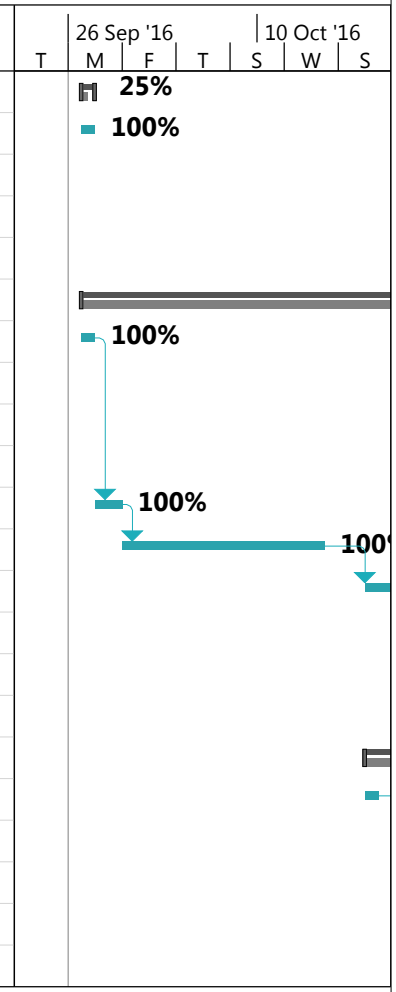
ID	Task Mode	Task Name	Duration	Start	Finish
45		**6.0 Advertisement and Sponsorship**	**1 day?**	**Tue 27/09/16**	**Tue 27/09/16**
46		6.1 Brainstorming	1 day	Tue 27/09/16	Tue 27/09/16
47		6.2 Sponsers			
48		6.3 EKC ?			
49		<New Task>			
50		**7.0 Outreach**	**55 days?**	**Tue 27/09/16**	**Mon 12/12/16**
51		7.1 Brainstorming	1 day	Tue 27/09/16	Tue 27/09/16
52		7.2 Website			
53		7.2.1 Domain name			
54		7.3 Team speech			
55		7.4 Race to The Moon Idea	2 days	Wed 28/09/16	Thu 29/09/16
56		7.4.1 Protype and test ballon rocket	11 days	Fri 30/09/16	Fri 14/10/16
57		7.4.2 Protype school kids rocket race	26 days	Tue 18/10/16	Tue 22/11/16
58		7.4.3 design outreach lesson plan for kids	14 days	Wed 23/11/16	Mon 12/12/16
59		7.4.4 design Power point presentation	14 days	Wed 23/11/16	Mon 12/12/16
60		7.5 Travel to school deliver oureach			
61		**8.0 Progress reports**	**45 days?**	**Tue 18/10/16**	**Mon 19/12/16**
62		8.1 Progress report 1	1 day	Tue 18/10/16	Tue 18/10/16
63		8.2 Progress report 2	26 days	Mon 07/11/16	Mon 12/12/16
64		8.3 Progress report 3	1 day?	Mon 19/12/16	Mon 19/12/16
65		<New Task>			
66		**9.0 Finanance**	**71 days?**	**Thu 24/11/16**	**Thu 02/03/17**



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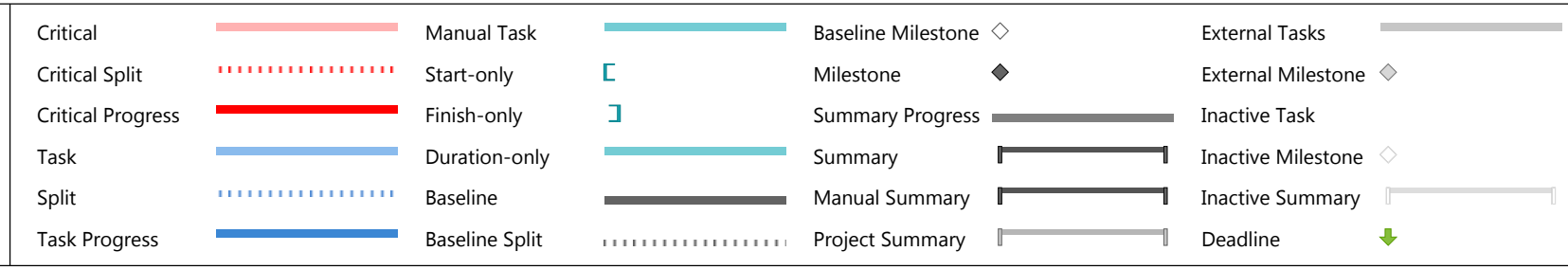
ID	Task Mode	Task Name	Duration	Start	Finish
67		9.1 Cansat parts		Thu 24/11/16	
68		9.2 Test equipment		Thu 24/11/16	
69		9.3 travel	71 days	Thu 24/11/16	Thu 02/03/17
70		9.4 Acodadation	71 days	Thu 24/11/16	Thu 02/03/17
71		**10.0 Travel**	**4 days?**	**Thu 24/11/16**	**Tue 29/11/16**
72		10.1 Define method	1 day?	Thu 24/11/16	Thu 24/11/16
73		10.2 Aquire funding	1 day	Fri 25/11/16	Fri 25/11/16
74		10.3 Book accododation	1 day	Mon 28/11/16	Mon 28/11/16
75		10.4 Book travel	1 day	Tue 29/11/16	Tue 29/11/16
76		**11.0 Base Station**	**12 days**	**Fri 25/11/16**	**Mon 12/12/16**
77		11.0 Brain storming	3 days	Fri 25/11/16	Tue 29/11/16
78		11.1 Base station sensors	9 days	Wed 30/11/16	Mon 12/12/16
79		11.2 Base station communication	9 days	Wed 30/11/16	Mon 12/12/16
80		11.3 Base station User Interface	9 days	Wed 30/11/16	Mon 12/12/16
81		11.4 Base station yargi ariel	9 days	Wed 30/11/16	Mon 12/12/16
82		**12.0 Backup equipment**	**12 days?**	**Fri 25/11/16**	**Mon 12/12/16**
83		12.1 backup brainstorming	1 day?	Fri 25/11/16	Fri 25/11/16
84		12.2 backup CanSat	11 days	Mon 28/11/16	Mon 12/12/16
85		12.3 backup Basestation	11 days	Mon 28/11/16	Mon 12/12/16
86		12.4 backup Arial	11 days	Mon 28/11/16	Mon 12/12/16
87		12.5 backup parachute	11 days	Mon 28/11/16	Mon 12/12/16
88		**13 .0 Launch procedures**	**12 days?**	**Fri 25/11/16**	**Mon 12/12/16**



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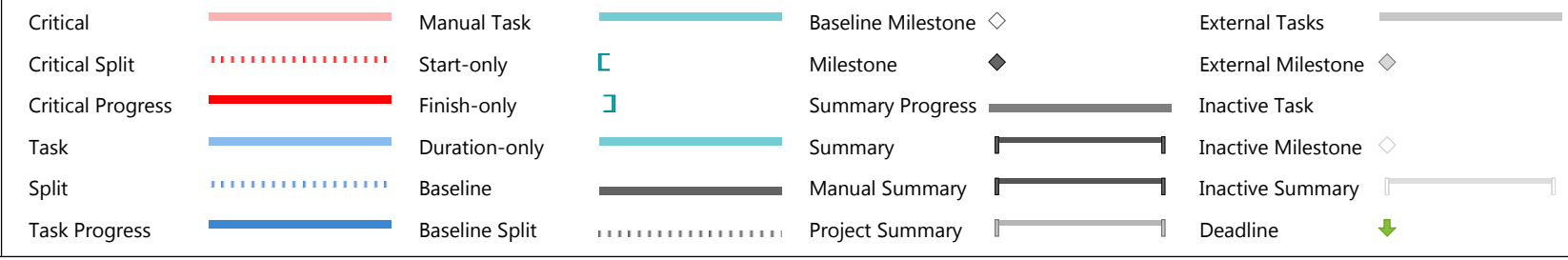
89		13.1 launchday check sheet	12 days	Fri 25/11/16	Mon 12/12/16
90					



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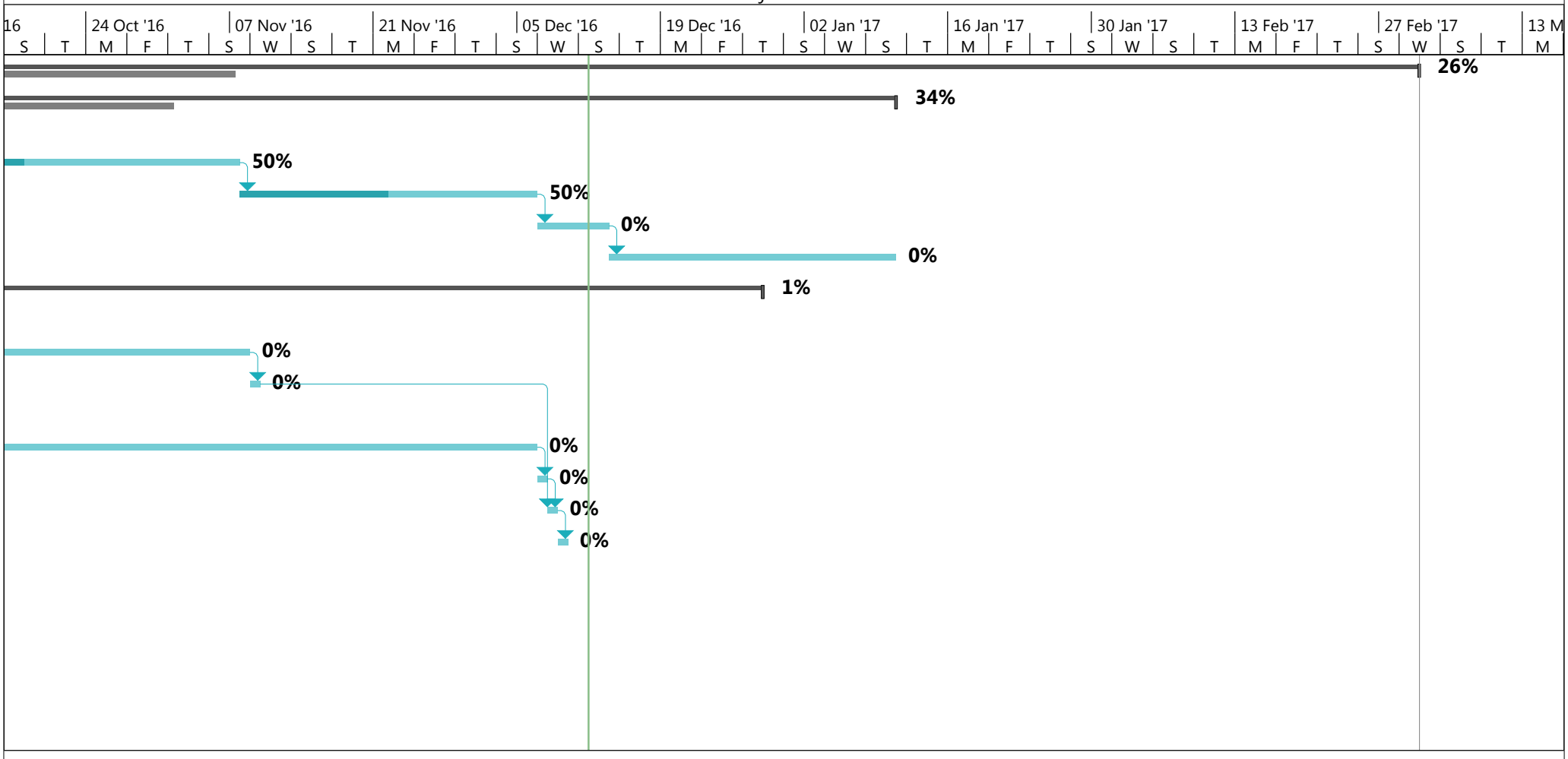

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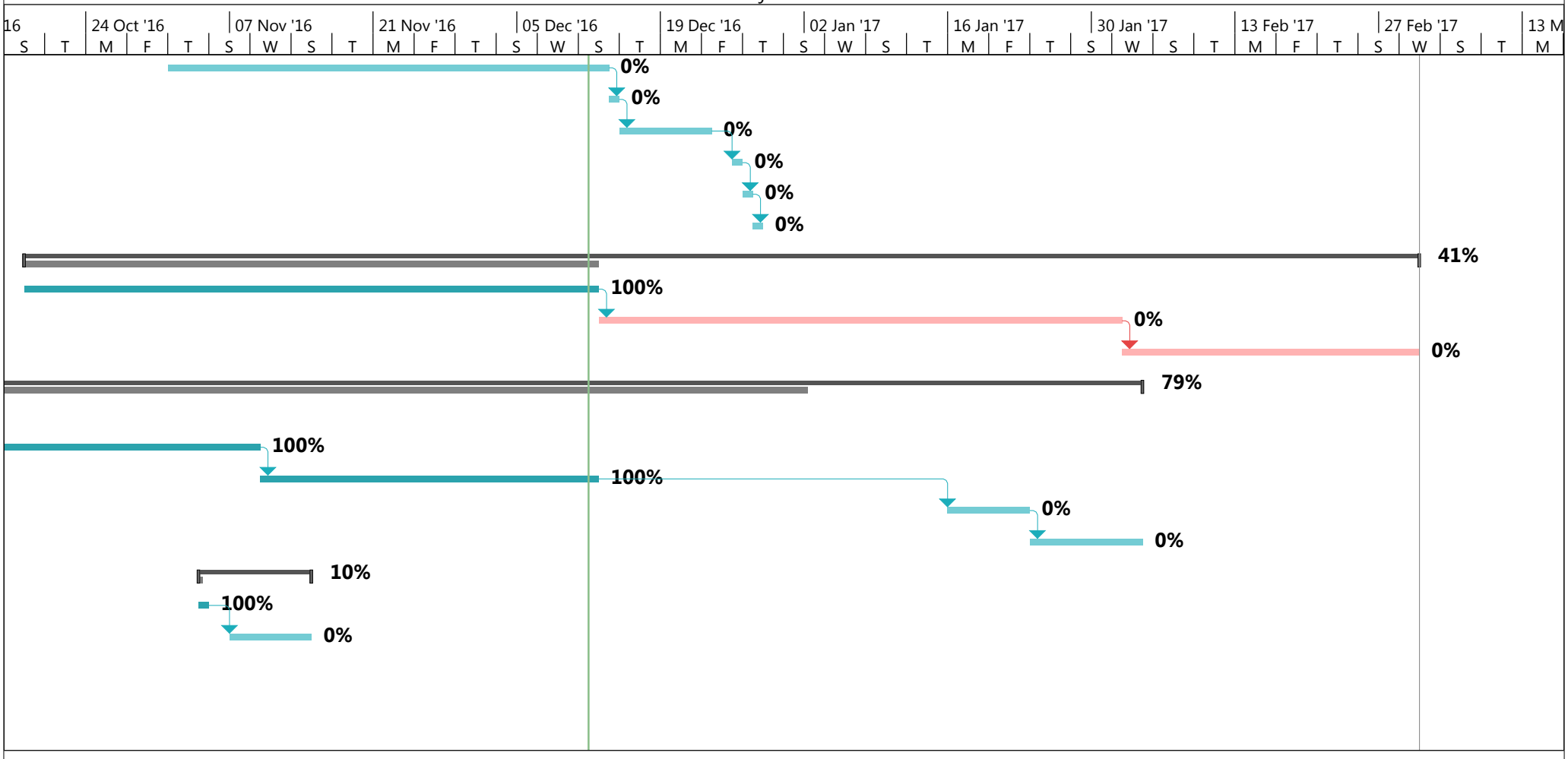

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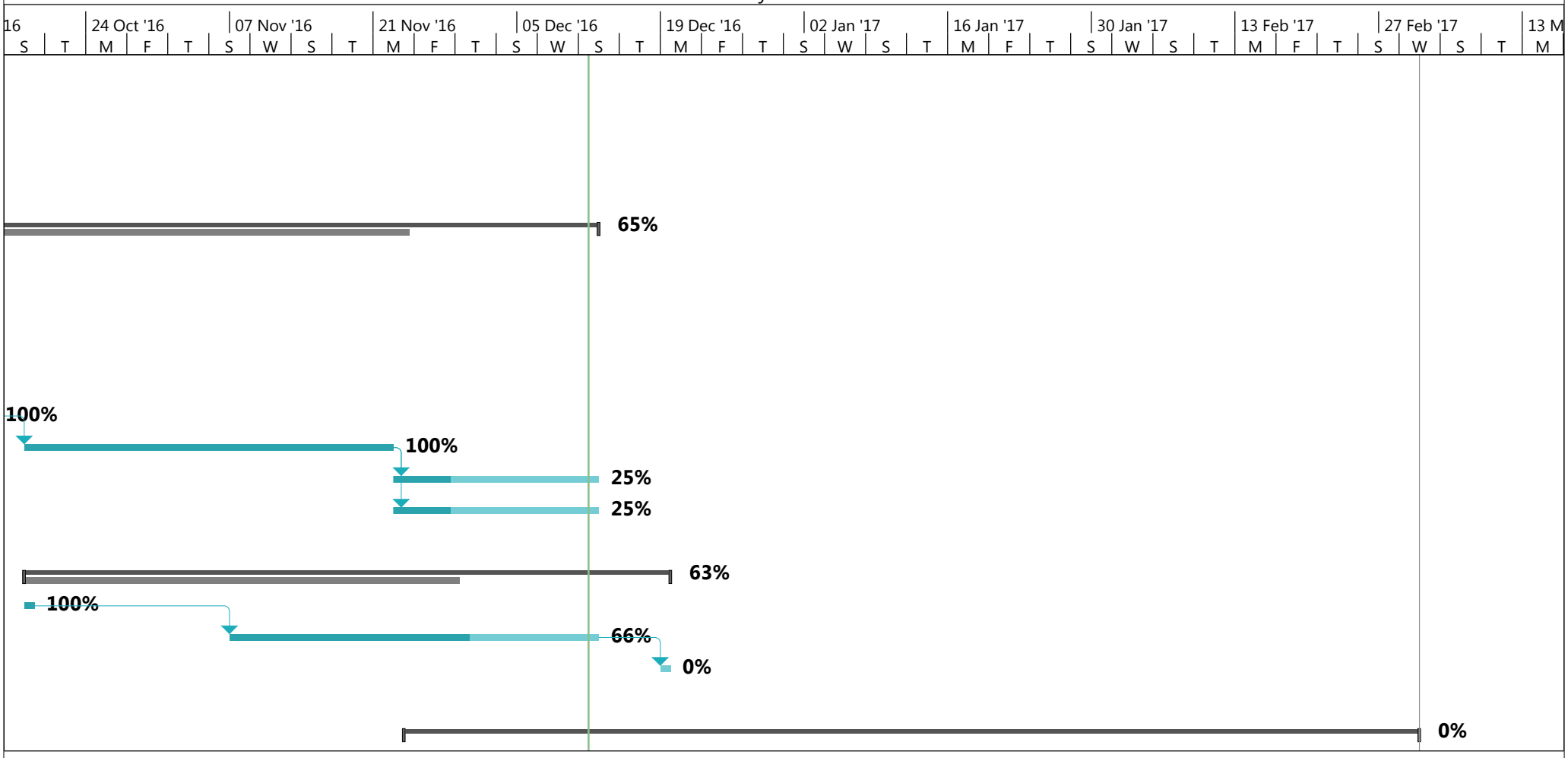

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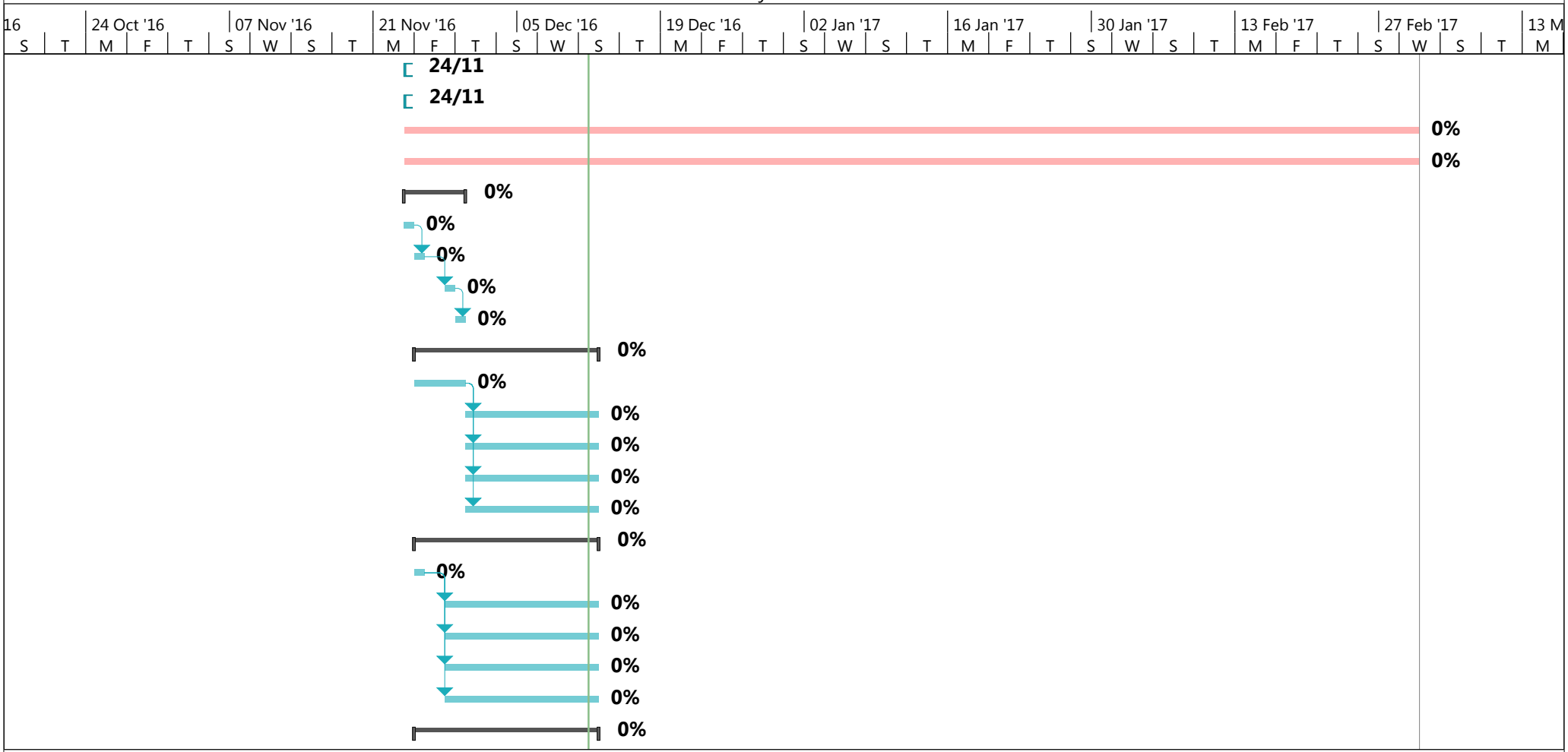

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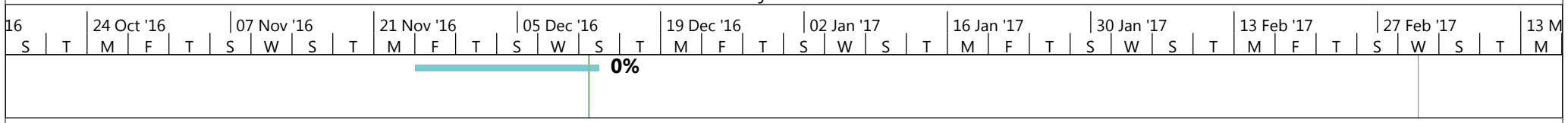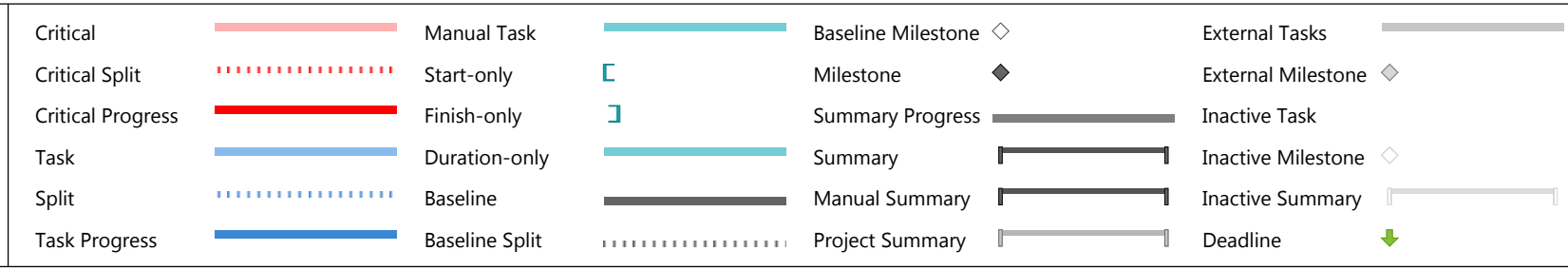
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