

ID	Task Mod	Task Name	Duration	Start	Finish	Sep 4					Sep 11					Sep 18					Sep 25				
						S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
1		MDS I Planning Phase	10 days	Mon 9/5/11	Fri 9/16/11																				
2		Project Kick-off meeting at RYC	1 day	Tue 9/6/11	Tue 9/6/11																				
3		Identify Customer Needs	4 days	Tue 9/6/11	Fri 9/9/11																				
4		Project Background Research	3 days	Fri 9/9/11	Tue 9/13/11																				
5		Functional decomposition of current system	1 day	Tue 9/13/11	Tue 9/13/11																				
6		Identify Engineering Specifications	3 days	Tue 9/13/11	Thu 9/15/11																				
7		Create Preliminary Project Plan	1 day	Fri 9/16/11	Fri 9/16/11																				
8		Concept Development Phase	10 days	Mon 9/19/11	Fri 9/30/11																				
9		Retrieve previous system	1 day	Fri 9/16/11	Fri 9/16/11																				
10		Weigh system for Pareto	1 day	Fri 9/16/11	Fri 9/16/11																				
11		Concept generation	5 days	Mon 9/19/11	Fri 9/23/11																				
12		Concept Selection	5 days	Fri 9/23/11	Thu 9/29/11																				
13		System Level Design Phase	10 days	Mon 10/3/11	Fri 10/14/11																				
14		Cad model current system	10 days	Mon 10/3/11	Fri 10/14/11																				
15		Seek out details from customer	5 days	Mon 10/3/11	Fri 10/7/11																				
16		Identify critical points for analysis	5 days	Mon 10/3/11	Fri 10/7/11																				
17		Risk Assessment	1 day	Fri 10/7/11	Fri 10/7/11																				
18		Prepare for System Level Design Review	3 days	Fri 10/7/11	Tue 10/11/11																				
19		<i>System Level Design Review</i>	0 days	Wed 10/12/11	Wed 10/12/11																				
20		Implement feedback from review	2 days	Wed 10/12/11	Thu 10/13/11																				
21		Detail Design Phase	15 days	Mon 10/17/11	Fri 11/4/11																				
22		Analysis design of critical improvements	5 days	Fri 10/14/11	Thu 10/20/11																				
23		Detailed schematics and BOM of improvements	5 days	Fri 10/21/11	Thu 10/27/11																				
24		Create Test Plan for MSD II	2 days	Fri 10/28/11	Mon 10/31/11																				
25		Prepare for Detailed Design Review	4 days	Tue 11/1/11	Fri 11/4/11																				

Project: MSD I and MSD II Date: Wed 11/16/11	Task		External Milestone		Manual Summary Rollup	
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26		<i>Detailed Design Review</i>	0 days	Fri 11/4/11	Fri 11/4/11																																															
27		MSD I Closure Phase	10 days	Mon 11/7/11	Fri 11/18/11																																															
28		Finalize design	4 days	Mon 11/7/11	Thu 11/10/11																																															
29		Finalize BOM	5 days	Mon 11/7/11	Fri 11/11/11																																															
30		Complete Schematics (Part Drawings)	5 days	Mon 11/7/11	Fri 11/11/11																																															
31		Complete Manufacturing Plan	4 days	Fri 11/11/11	Wed 11/16/11																																															
32		Prepare for Project Management Review	4 days	Fri 11/11/11	Wed 11/16/11																																															
33		<i>Final Project Management Review</i>	0 days	Thu 11/17/11	Thu 11/17/11																																															
34		Order long lead parts	2 days	Thu 11/17/11	Fri 11/18/11																																															
35		Thanksgiving Vacation	5 days	Mon 11/21/11	Fri 11/25/11																																															
36		MSD II Procurement and Assembly Phase	15 days	Mon 11/28/11	Fri 12/16/11																																															
37		MSD II Kick-Off and Planning	5 days	Mon 11/28/11	Fri 12/2/11																																															
38		Procure Purchase Parts and Materials	7 days	Mon 11/28/11	Tue 12/6/11																																															
39		<i>Keith Burhans Surgery: Unavailable 6-9 wk</i>	0 days	Tue 12/6/11	Tue 12/6/11																																															
40		Manufacturing Passenger Interface Parts	8 days	Mon 12/5/11	Wed 12/14/11																																															
41		Manufacturing Track Platform Parts	8 days	Mon 12/5/11	Wed 12/14/11																																															
42		Manufacturing Pedestal Base Parts	5 days	Mon 12/5/11	Fri 12/9/11																																															
43		Manufacturing Tiller Strut Parts	5 days	Mon 12/12/11	Fri 12/16/11																																															
44		Assembly of Pedestal Base	2 days	Mon 12/12/11	Tue 12/13/11																																															
45		Assembly of Passenger Interface	2 days	Thu 12/15/11	Fri 12/16/11																																															
46		Assembly of Track Platform	2 days	Thu 12/15/11	Fri 12/16/11																																															
47		Assembly of Tiller Strut	1 day	Fri 12/16/11	Fri 12/16/11																																															
48		Make plans for fitting and testing	1 day	Fri 12/16/11	Fri 12/16/11																																															
49		Christmas Vacation	15 days	Mon 12/19/11	Fri 1/6/12																																															
50		Testing and Debugging Phase	15 days	Mon 1/9/12	Fri 1/27/12																																															
51		<i>Fitting Session with Boat</i>	5 days	Mon 1/9/12	Fri 1/13/12																																															

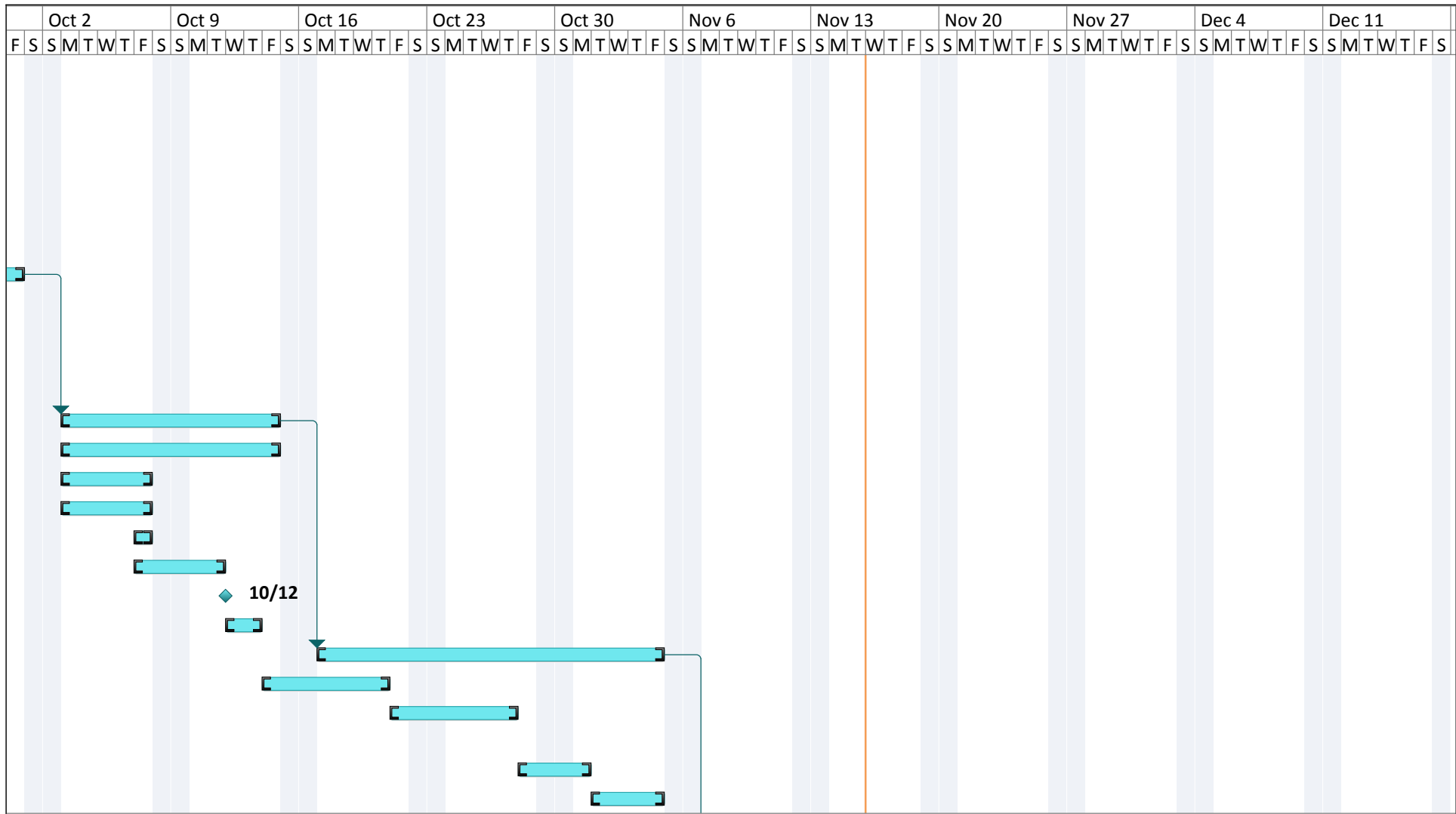
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52		Testing and Debugging: Weight and Cost	2 days	Mon 1/9/12	Tue 1/10/12																								
53		Testing and Debugging: Installation	4 days	Tue 1/10/12	Fri 1/13/12																								
54		Testing and Debugging: User Comfort	2 days	Thu 1/12/12	Fri 1/13/12																								
55		Fitting Session with Richard Ramos	1 day	Fri 1/13/12	Fri 1/13/12																								
56		Testing and Debugging: Normal Sailing	5 days	Mon 1/16/12	Fri 1/20/12																								
57		Testing and Debugging: Rough Sailing	5 days	Mon 1/16/12	Fri 1/20/12																								
58		Implement final changes to schematics	1 day	Mon 1/23/12	Mon 1/23/12																								
59		Update BOM	1 day	Tue 1/24/12	Tue 1/24/12																								
60		Create instructions for installation	2 days	Wed 1/25/12	Thu 1/26/12																								
61		Update necessary documentation	1 day	Fri 1/27/12	Fri 1/27/12																								
62		Preliminary Customer Demo Phase	10 days	Mon 1/30/12	Fri 2/10/12																								
63		Prepare for demo	5 days	Mon 1/30/12	Fri 2/3/12																								
64		<i>Preliminary Customer Demo</i>	0 days	Fri 2/3/12	Fri 2/3/12																								
65		Implement feedback from demo	3 days	Mon 2/6/12	Wed 2/8/12																								
66		Update documentation	3 days	Wed 2/8/12	Fri 2/10/12																								
67		Final Customer Demo Phase	10 days	Mon 2/13/12	Fri 2/24/12																								
68		Create Project Poster	5 days	Mon 2/13/12	Fri 2/17/12																								
69		Update assessment of needs and specs	1 day	Mon 2/13/12	Mon 2/13/12																								
70		Update changes to schematic	2 days	Mon 2/13/12	Tue 2/14/12																								
71		Update Changes to BOM	2 days	Tue 2/14/12	Wed 2/15/12																								
72		Preparation for Final Customer Demo	3 days	Wed 2/15/12	Fri 2/17/12																								
73		<i>Final Customer Demo</i>	0 days	Fri 2/17/12	Fri 2/17/12																								
74		Create Project Poster	5 days	Mon 2/20/12	Fri 2/24/12																								
75		Implement feedback	3 days	Mon 2/20/12	Wed 2/22/12																								
76		Finalize all paperwork	3 days	Wed 2/22/12	Fri 2/24/12																								
77		<i>Public Presentation</i>	1 day	Fri 2/24/12	Fri 2/24/12																								

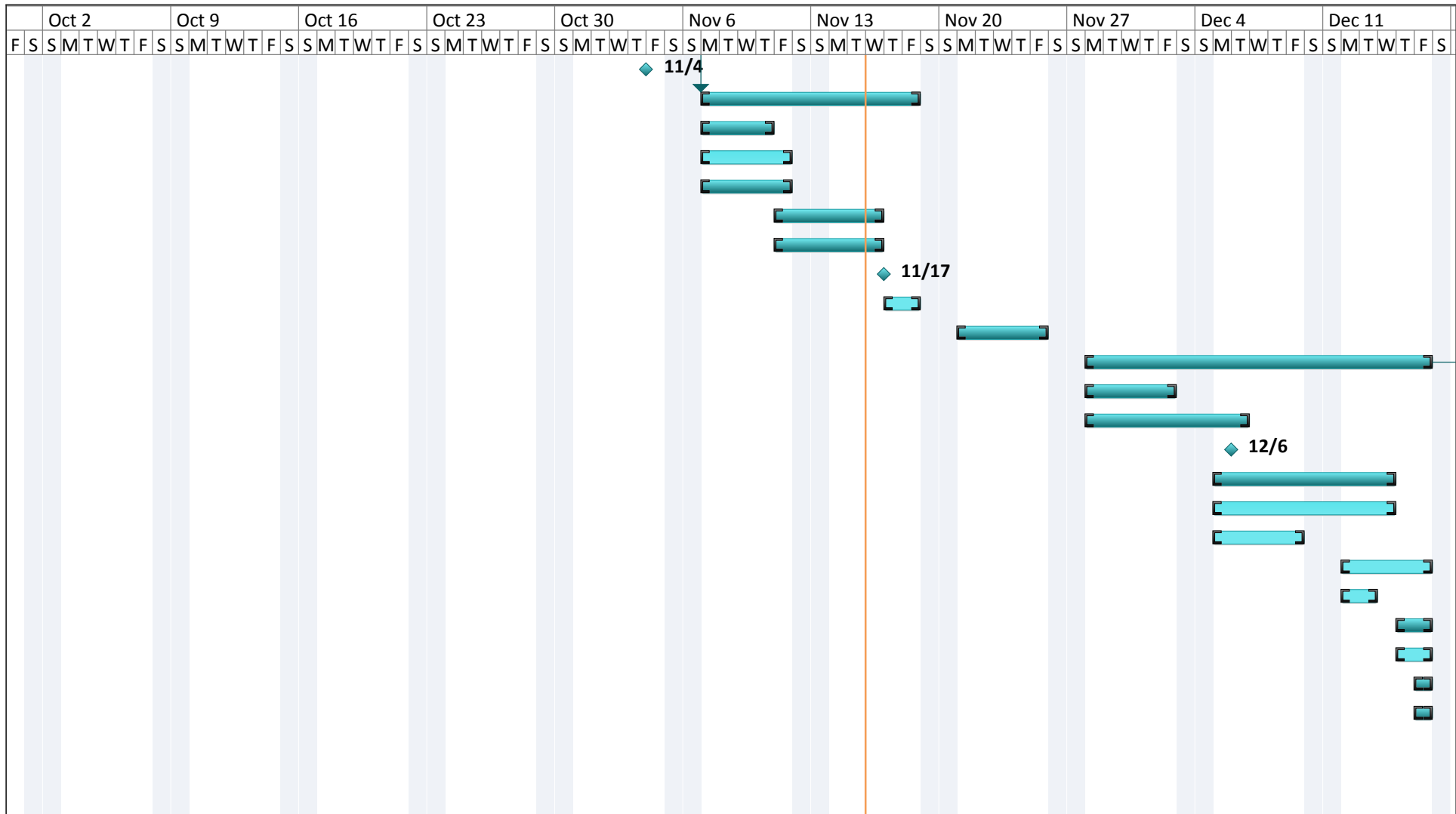
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78		MDS II Closure Phase	5 days	Mon 2/27/12	Fri 3/2/12																							
79		Wrap-up project and paperwork	3 days	Mon 2/27/12	Wed 2/29/12																							
80		Prepare for Final Review with Guide	2 days	Wed 2/29/12	Thu 3/1/12																							
81		<i>Final Review with Guide</i>	0 days	Thu 3/1/12	Thu 3/1/12																							
82		Thank all involved individuals!	1 day	Fri 3/2/12	Fri 3/2/12																							

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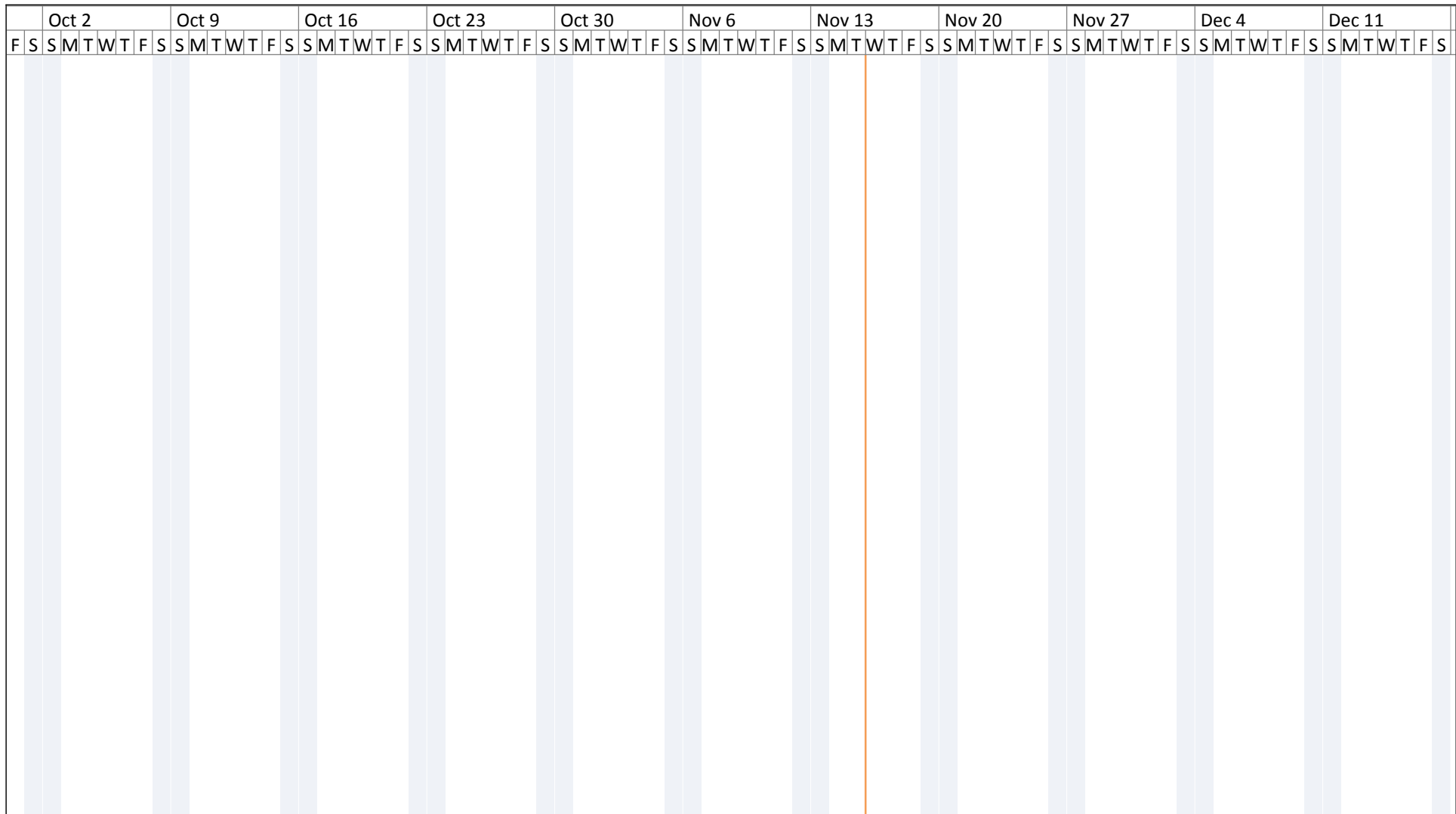


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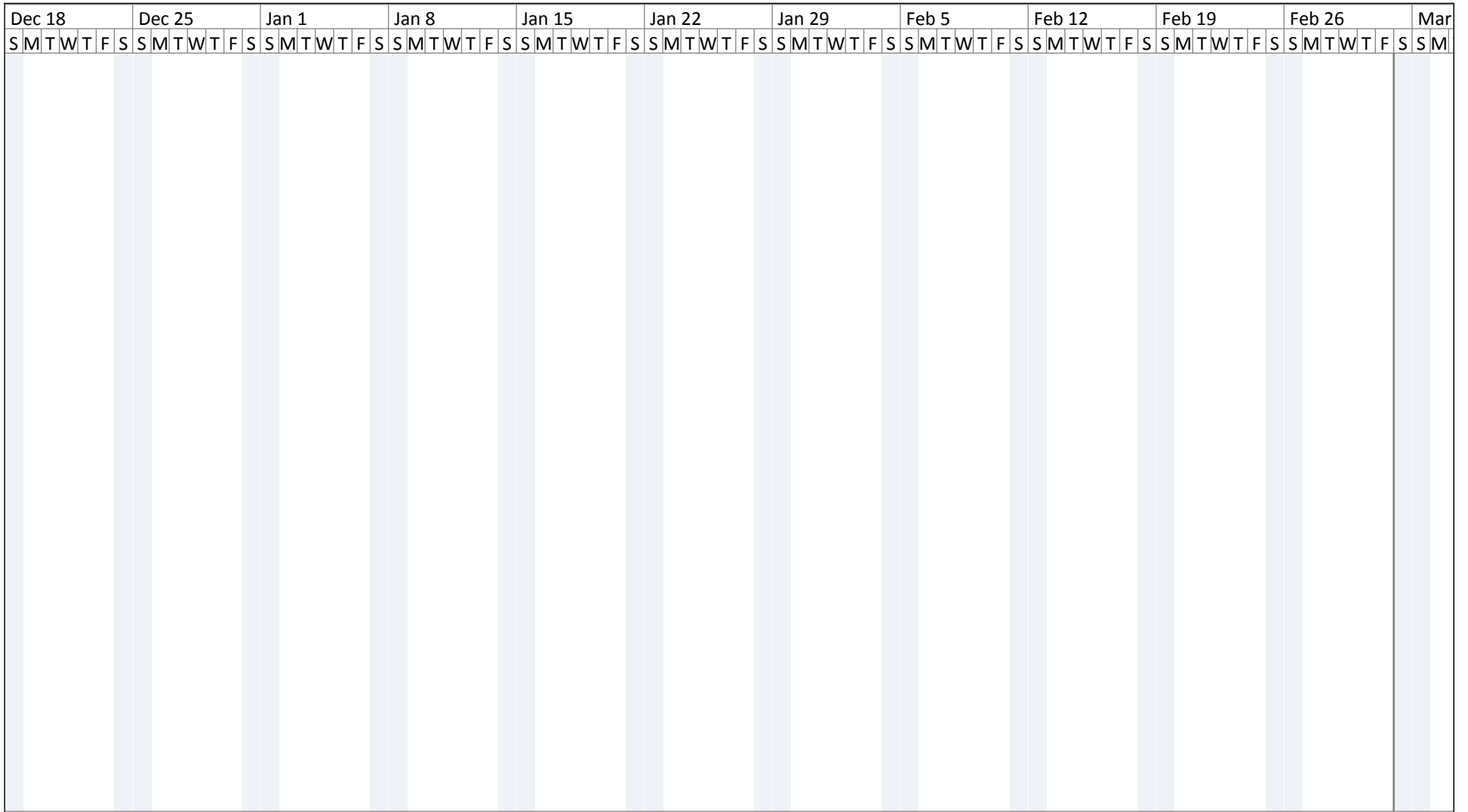
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Oct 2			Oct 9			Oct 16			Oct 23			Oct 30			Nov 6			Nov 13			Nov 20			Nov 27			Dec 4			Dec 11						
F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S



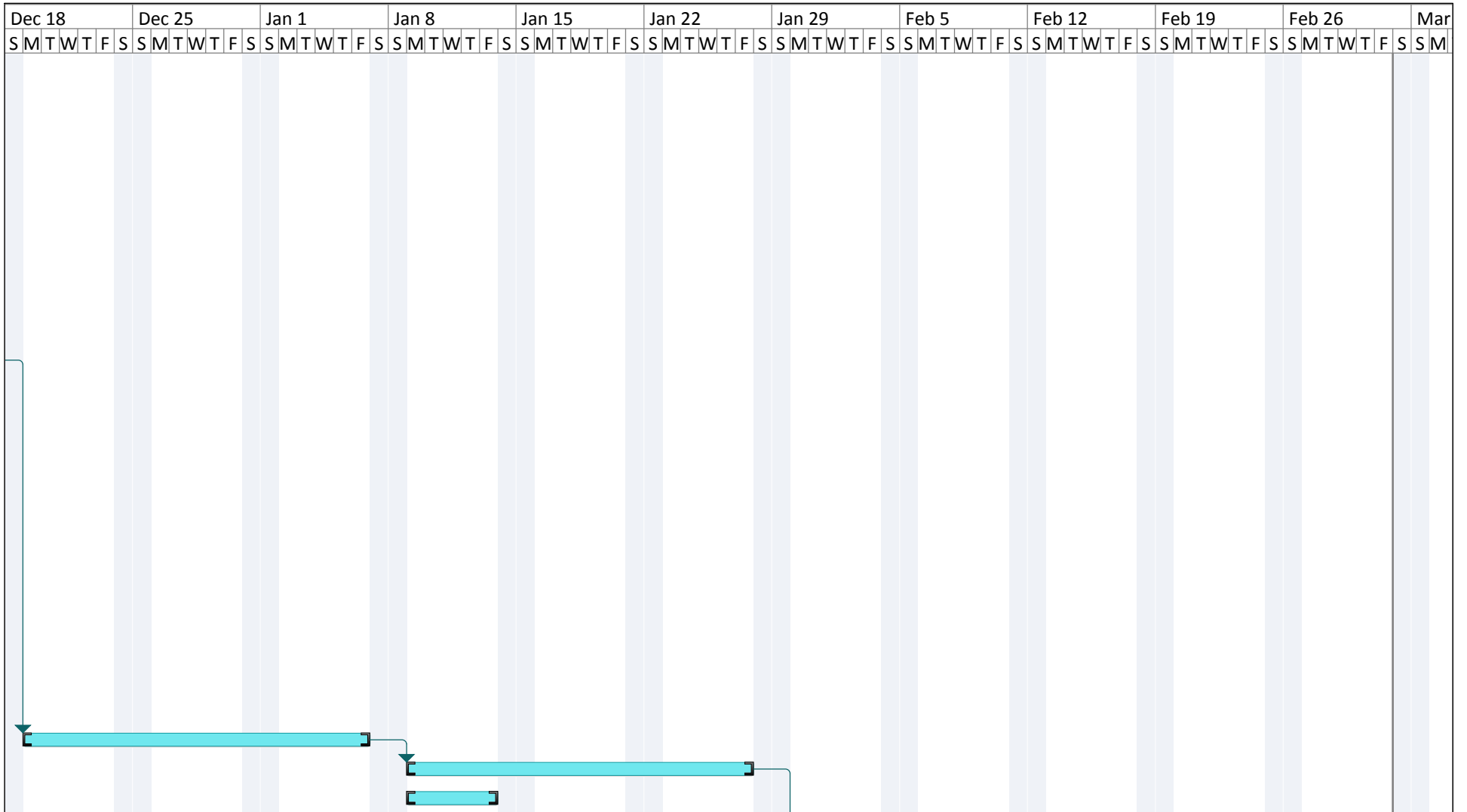
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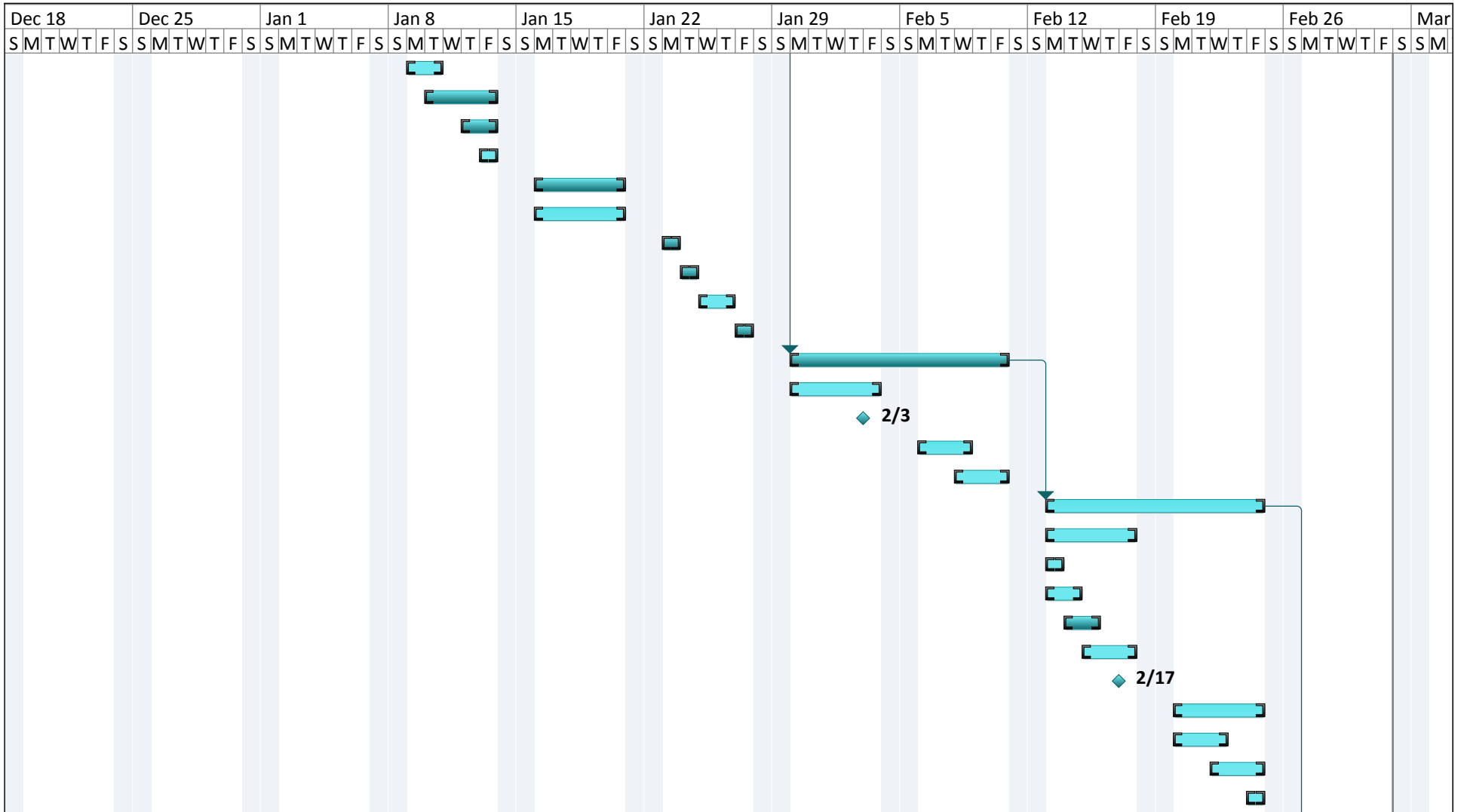


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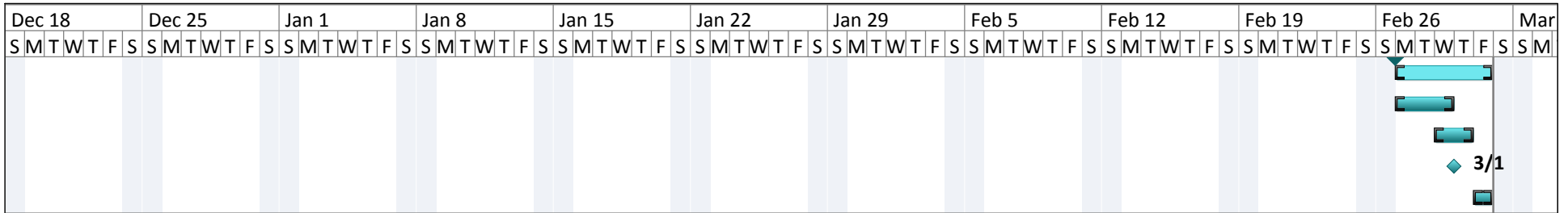
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