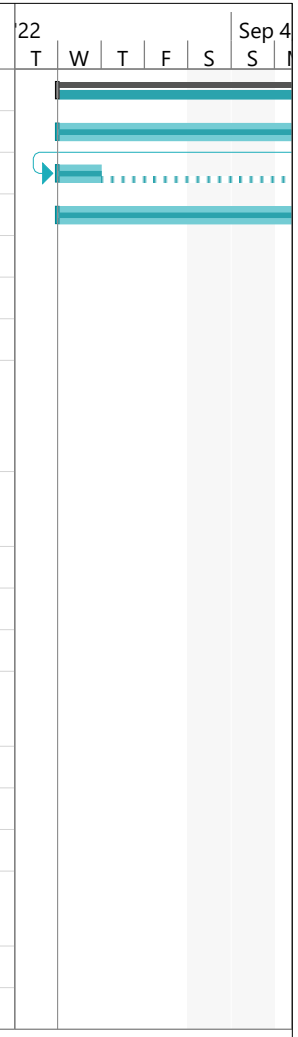
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
1		**Topic Selection**	**30 days**	**Wed 8/31/22**	**Tue 10/11/22**	
2		Brainstrom ideas	7 days	Wed 8/31/22	Thu 9/8/22	
3		Propose preferred idea	7 days	Wed 8/31/22	Fri 9/16/22	2
4		Investigate if data is available	20 days	Wed 8/31/22	Tue 9/27/22	
5		Write topic description	10 days	Wed 9/28/22	Tue 10/11/22	4
6		**Find literature to support argument**	7 days	Wed 10/12/22	Thu 10/20/22	1
7		**Exploratory Data Analysis**	**60 days**	**Fri 10/21/22**	**Thu 1/12/23**	**6**
8		Write SQL queries to create the datasets to answer the following questions				
9		**What is a good way to measure growth?**	**15 days**	**Fri 10/21/22**	**Thu 11/10/22**	**6**
10		Create the plots				
11		Summarize the findings				
12		Get approval from advisor				
13		**Can we identify patterns that cause people to stay?**	**15 days**	**Sat 11/12/22**	**Thu 12/1/22**	**9**
14		Create the plots				
15		Summarize the findings				
16		Get approval from advisor				
17		**Can we identify patterns of people leaving the church?**	**15 days**	**Fri 12/2/22**	**Thu 12/22/22**	**13**
18		Create the plots				
19		Summarize the findings				



Project: Church Engagement
Date: Sun 11/13/22

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
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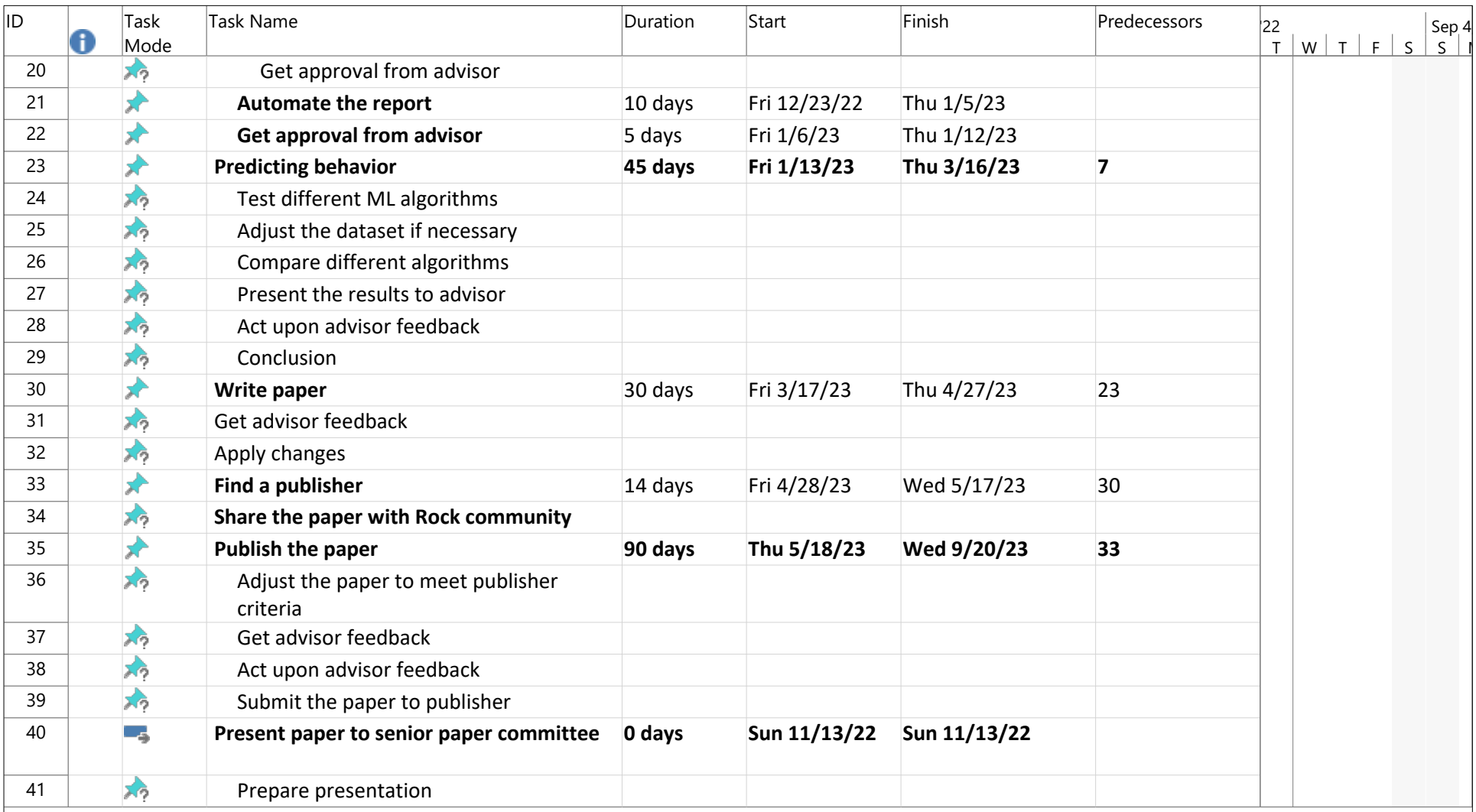
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
20		Get approval from advisor				
21		**Automate the report**	10 days	Fri 12/23/22	Thu 1/5/23	
22		**Get approval from advisor**	5 days	Fri 1/6/23	Thu 1/12/23	
23		**Predicting behavior**	**45 days**	**Fri 1/13/23**	**Thu 3/16/23**	**7**
24		Test different ML algorithms				
25		Adjust the dataset if necessary				
26		Compare different algorithms				
27		Present the results to advisor				
28		Act upon advisor feedback				
29		Conclusion				
30		**Write paper**	30 days	Fri 3/17/23	Thu 4/27/23	23
31		Get advisor feedback				
32		Apply changes				
33		**Find a publisher**	14 days	Fri 4/28/23	Wed 5/17/23	30
34		**Share the paper with Rock community**				
35		**Publish the paper**	**90 days**	**Thu 5/18/23**	**Wed 9/20/23**	**33**
36		Adjust the paper to meet publisher criteria				
37		Get advisor feedback				
38		Act upon advisor feedback				
39		Submit the paper to publisher				
40		**Present paper to senior paper committee**	**0 days**	**Sun 11/13/22**	**Sun 11/13/22**	
41		Prepare presentation				



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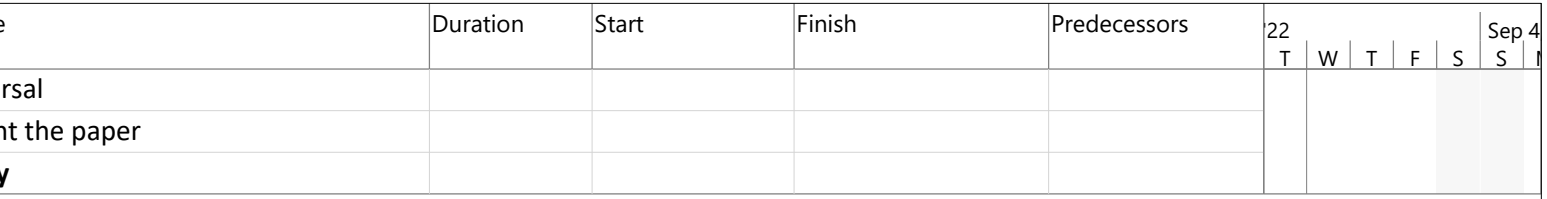
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
42		Rehearsal				
43		Present the paper				
44		**Be happy**				



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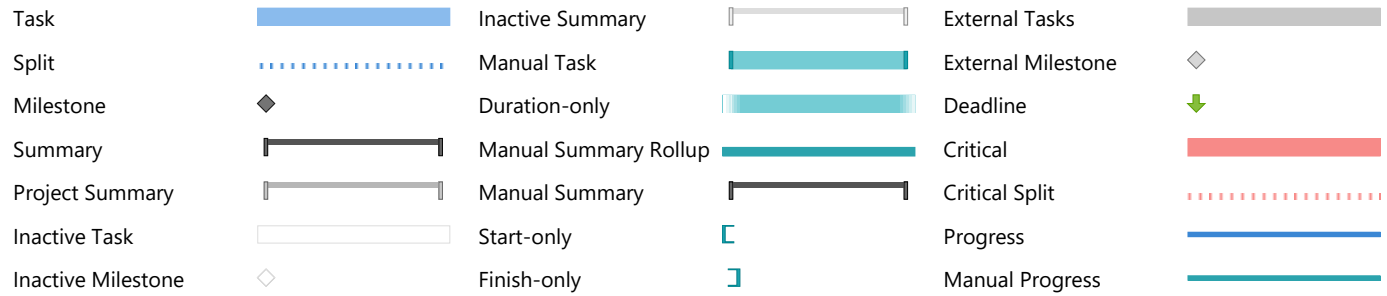

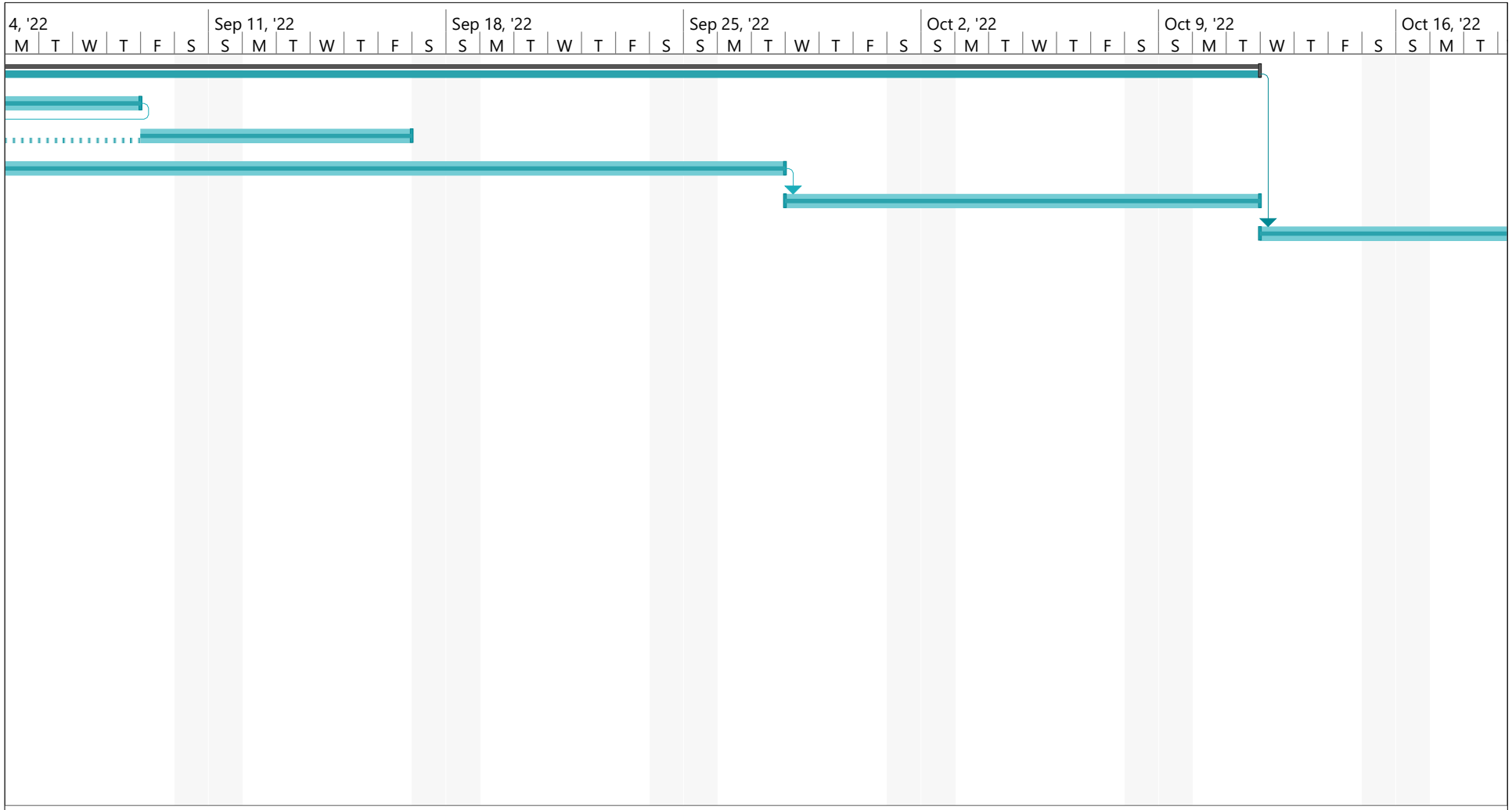

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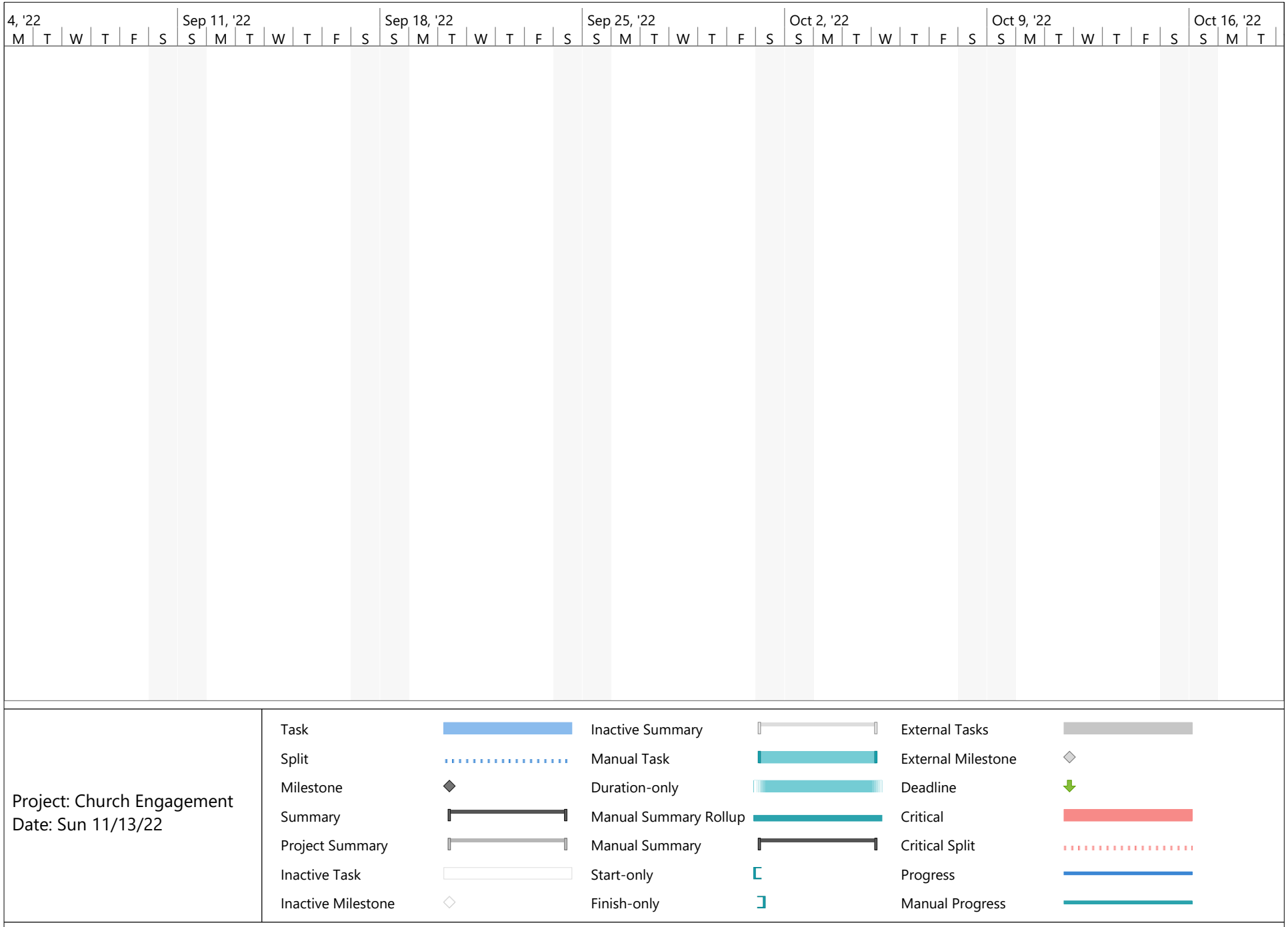

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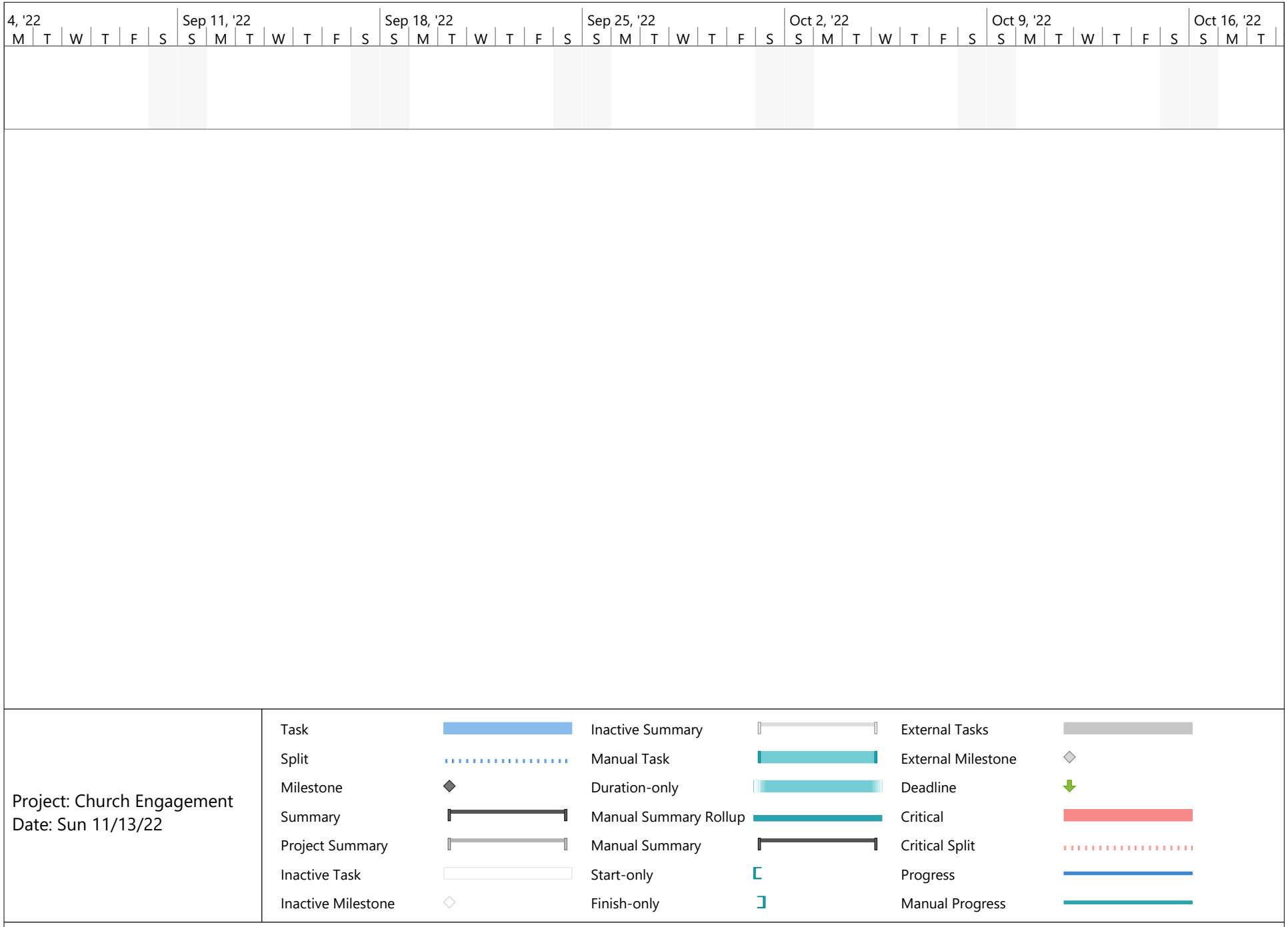
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Oct 9, '22
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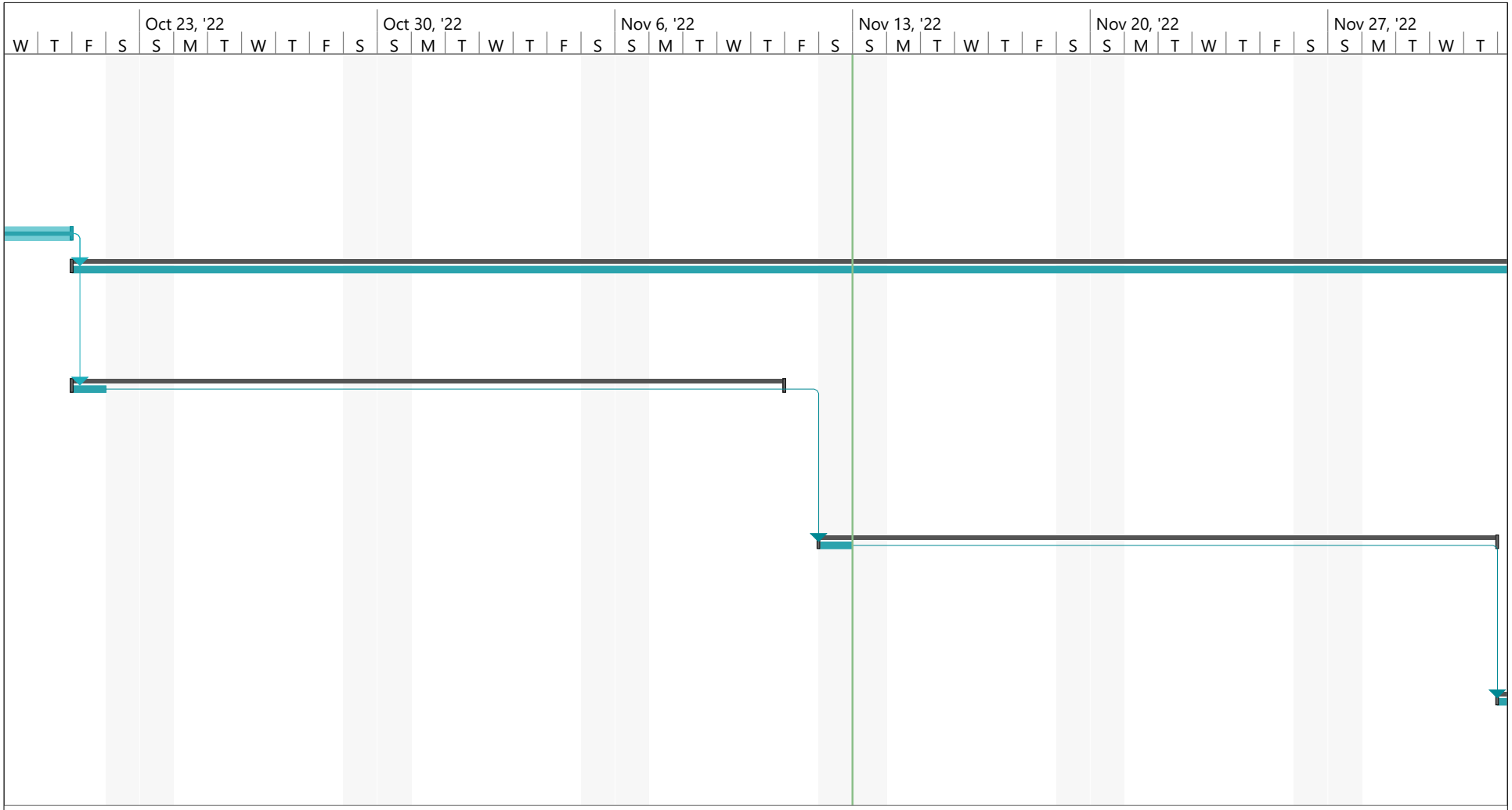

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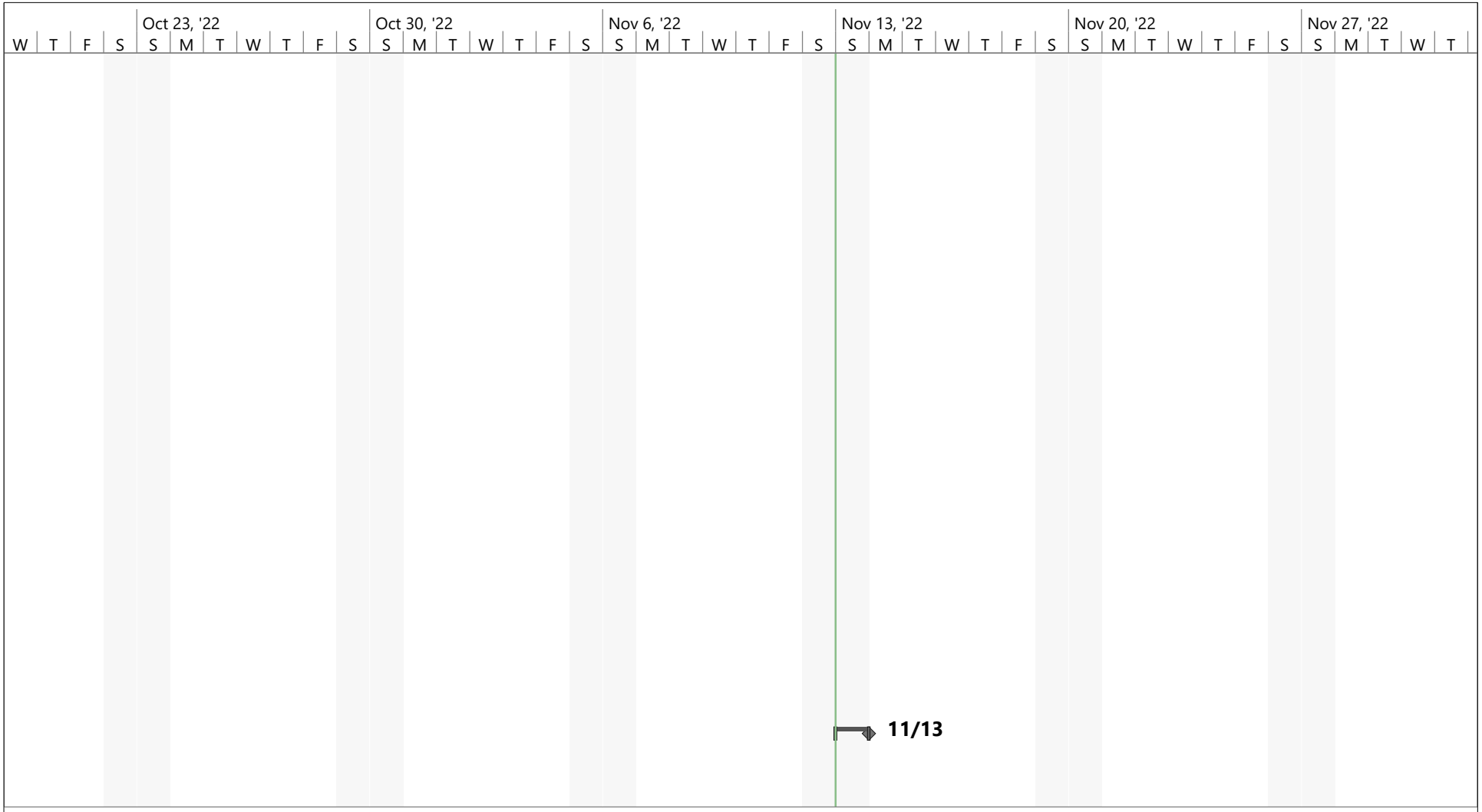

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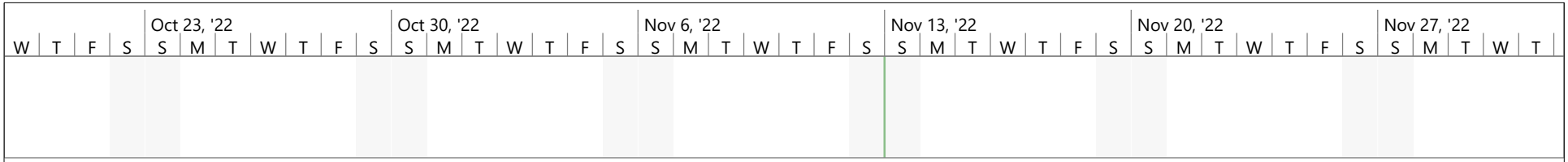

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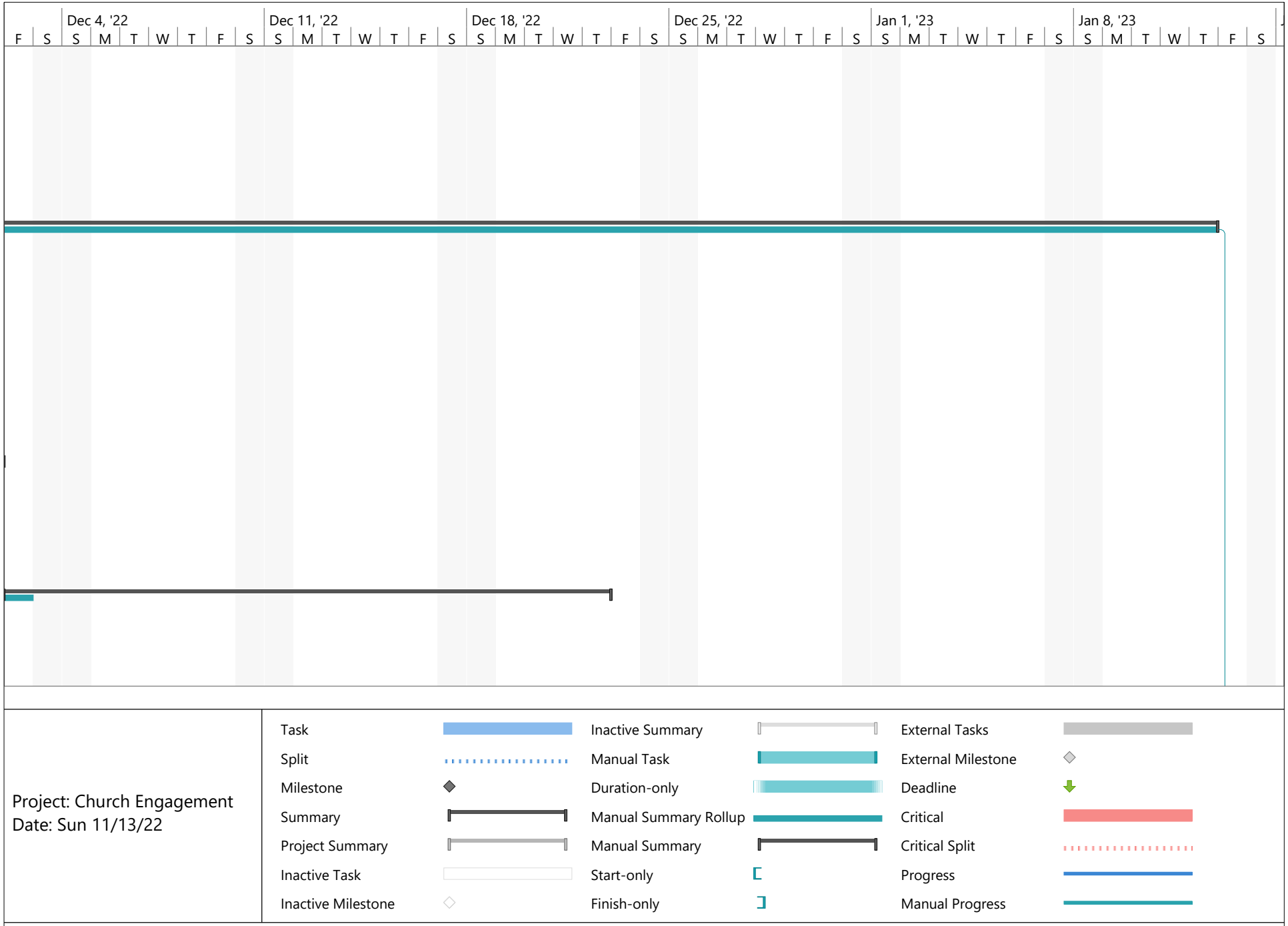
Dec 4, '22
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Dec 18, '22
Dec 25, '22
Jan 1, '23
Jan 8, '23
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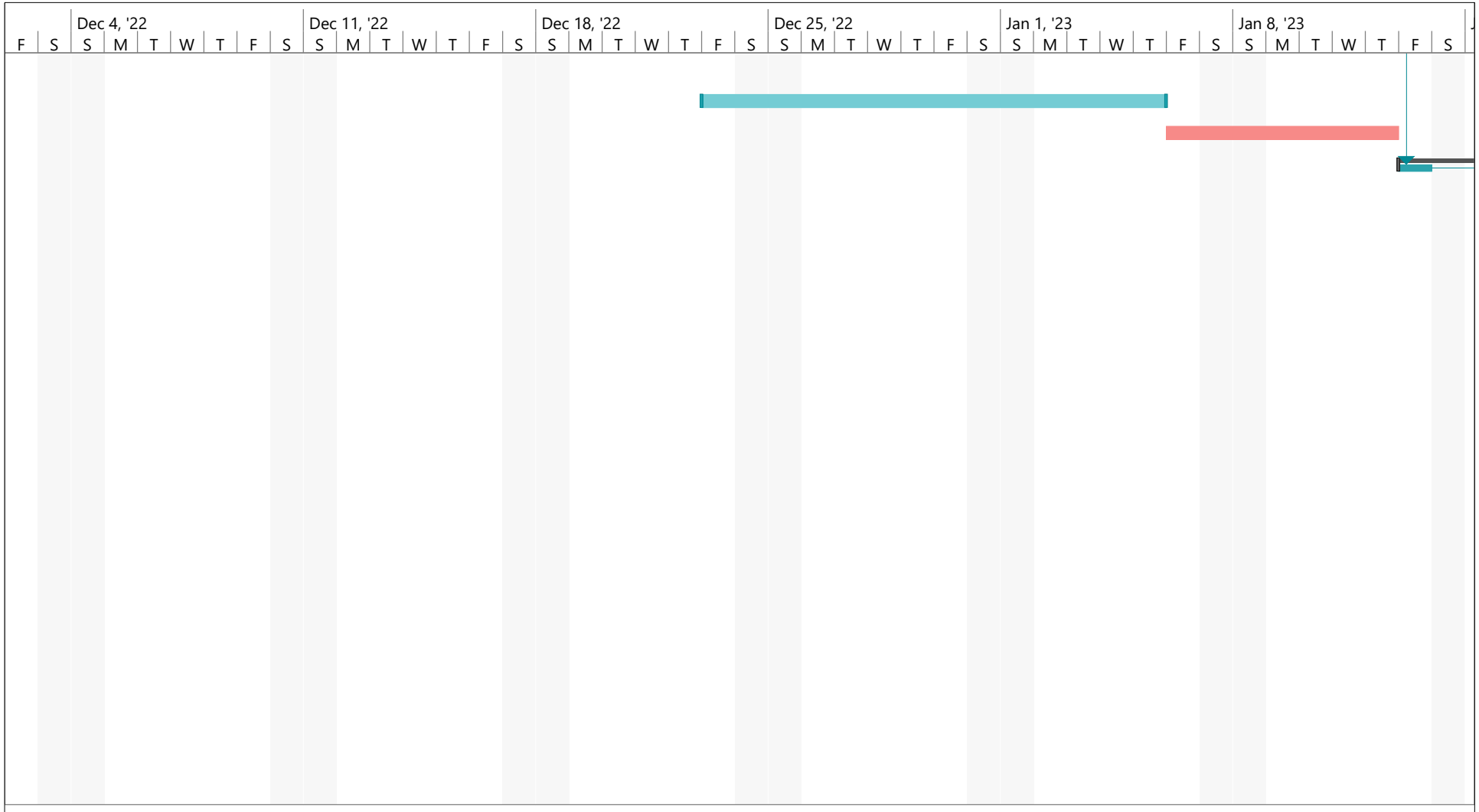

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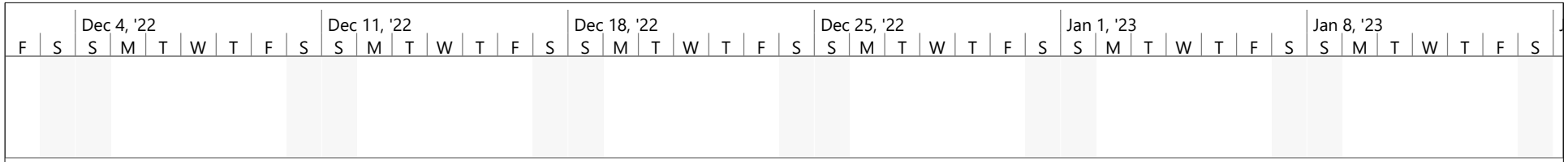

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