



































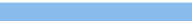































































































ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
0			Discovery Tool Software Development	68 days	Mon 9/3/18	Tue 12/4/18		
1			Exploration Phase I	21 days	Mon 9/3/18	Sun 9/23/18		
2			Populate the WinBook	10 days	Mon 9/10/18	Wed 9/19/18		Operational Concept Eng
3			Win-win session #1: Discuss and clarify client's needs	2 days	Mon 9/17/18	Tue 9/18/18		Feasibility Analyst,II V&V,Life Cycle
4			Conduct risk analysis and develop risk mitigation plan	3 days	Fri 9/21/18	Sun 9/23/18	3	Feasibility Analyst,Life Cycle
5			Develop use cases	4 days	Wed 9/19/18	Sat 9/22/18	3	Feasibility Analyst,Life C
6			Valuation Phase I	3 days	Fri 9/21/18	Sun 9/23/18		
7			Win-win session #2: Develop initial concept description	1 day	Fri 9/21/18	Fri 9/21/18	3	Feasibility Analyst,II V&V,Life Cycle
8			Validate crawling based trend identifier	1 day	Fri 9/21/18	Fri 9/21/18	3	Prototyper,Software Arc
9			Validate API based trend identifier	3 days	Fri 9/21/18	Sun 9/23/18	3	Prototyper,Software Arc
10			Foundations Phase I	5 days	Mon 9/24/18	Fri 9/28/18		
11			Design preliminary system	2 days	Mon 9/24/18	Tue 9/25/18	3,7,5	System Architect,Softwa
12			Investigate Facebook API for API based trend crawler prototyping	4 days	Mon 9/24/18	Thu 9/27/18	3,7,5	Prototyper
13			Investigate Twitter API, build feed crawler prototype	4 days	Mon 9/24/18	Thu 9/27/18	3,7,5	Prototyper
14			Prototype Google Trends feed crawler	4 days	Mon 9/24/18	Thu 9/27/18	3,7,5	Prototyper
15			Prototype competitor performance analysis with ShareCount API	4 days	Mon 9/24/18	Thu 9/27/18	3,7,5	Prototyper
16			Prototype frontend UI in Sketch, Invision, and Balsamiq	4 days	Mon 9/24/18	Thu 9/27/18	3,7,5	Prototyper
17			Implement presentation slide deck	4 days	Mon 9/24/18	Thu 9/27/18	3,7,5	Project Manager,Prototy

Project: Discovery Tool Software
Date: Wed 10/31/18

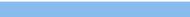


















Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only			

ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
18			Update risk and risk mitigation plan	4 days	Mon 9/24/18	Thu 9/27/18		Feasibility Analyst,Life C
19			Make initial drafts for project documentation	4 days	Mon 9/24/18	Thu 9/27/18	3,7,5	Requirement Engineer
20			Conduct prototype presentation	1 day	Fri 9/28/18	Fri 9/28/18	11,12,13,14,15,16	Feasibility Analyst,II V&V
21			Weekly Jira Individual Survey Submission	79 days	Mon 9/17/18	Tue 12/4/18		Feasibility Analyst,II V&V
34			Weekly Team Meeting	78 days	Tue 9/18/18	Tue 12/4/18		Feasibility Analyst,II V&V
47			Bi-weekly Team Progress Report	84 days	Thu 9/6/18	Wed 11/28/18		Feasibility Analyst,II V&V
54			Bi-weekly Team Risk and Defects Report	84 days	Thu 9/6/18	Wed 11/28/18		Feasibility Analyst,II V&V
61			Bi-weekly Project Plan Update	84 days	Thu 9/6/18	Wed 11/28/18		Project Manager
68			Bi-weekly Team Technical Debt Report	56 days	Sat 10/6/18	Fri 11/30/18		Feasibility Analyst,II V&V
73			Exploration Phase II	16 days	Tue 10/2/18	Wed 10/17/18		
74			Modify WinBook based on new scope requirements and client needs	10 days	Tue 10/2/18	Thu 10/11/18		Project Manager
75			Refine and build new use cases based on client's feedback and needs	10 days	Tue 10/2/18	Thu 10/11/18		Operational Concept Engineer,Project
76			Conduct use case based effort estimation as a team	1 day	Fri 10/12/18	Fri 10/12/18	75	Feasibility Analyst,II V&V,Life Cycle
77			Investigate methods to access historical data from data sources	3 days	Mon 10/8/18	Wed 10/10/18		Feasibility Analyst,Prototyper,Softw
78			Design system and software architecture	1 day	Sat 10/13/18	Sat 10/13/18	74,75,76	Software Architect,System
79			Valuation Phase II	13 days	Wed 10/10/18	Mon 10/22/18		
80			Develop frontend UI prototype iteration II based on new scope	5 days	Fri 10/12/18	Tue 10/16/18		Prototyper




















Project: Discovery Tool Software Date: Wed 10/31/18	Task		Inactive Summary		External Tasks	
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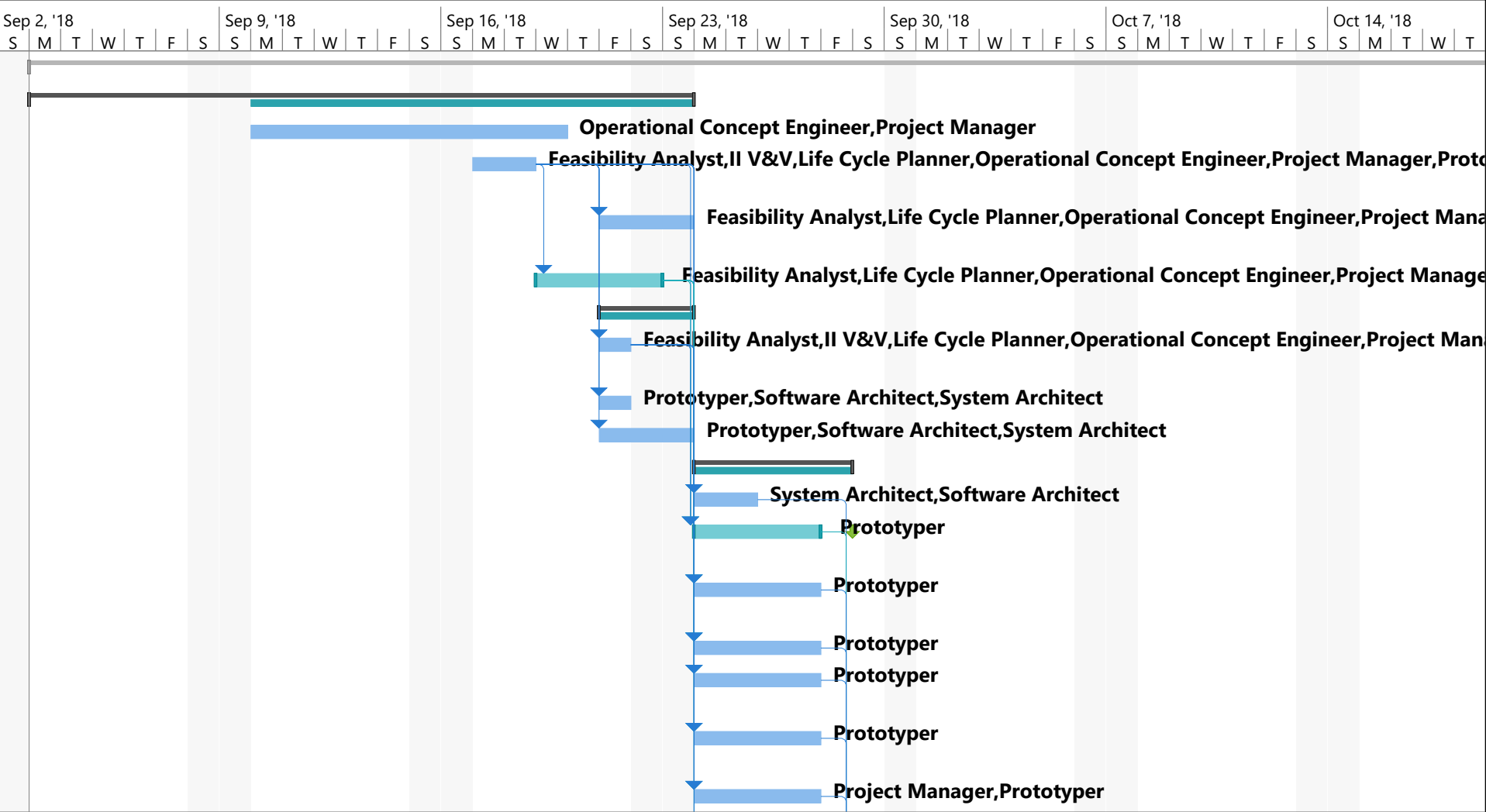
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81			Develop backend data endpoint prototype based on new scope	5 days	Fri 10/12/18	Tue 10/16/18		Prototyper
82			Develop DC Package	13 days	Wed 10/10/18	Mon 10/22/18		
83			Develop operational concept	3 days?	Sat 10/13/18	Mon 10/15/18		Operational Concept Eng
84			Develop requirement specification	3 days	Sat 10/13/18	Mon 10/15/18		Requirement Engineer
85			Elaborate development life cycle	8 days	Sat 10/13/18	Sat 10/20/18		Life Cycle Planner
86			Prepare feasibility evidence	8 days	Sat 10/13/18	Sat 10/20/18		Feasibility Analyst
87			Foundations Phase II	13 days	Wed 10/10/18	Mon 10/22/18		
88			Implement ABR deliverables	5 days	Sat 10/13/18	Wed 10/17/18		Feasibility Analyst,II V&V,Life Cycle
89			Integrate docs into slide deck	2 days?	Mon 10/15/18	Tue 10/16/18		Project Manager
90			Dry run ARB presentation	1 day?	Wed 10/17/18	Wed 10/17/18	89	Feasibility Analyst,II V&V
91			Develop DC Package (Continue)	13 days	Wed 10/10/18	Mon 10/22/18		
92			Prepare for test plan	10 days	Sat 10/13/18	Mon 10/22/18		Requirement Engineer,T
93			Plan quality management	10 days	Sat 10/13/18	Mon 10/22/18		Quality Engineer
94			Elaborate verification and validation process	10 days	Sat 10/13/18	Mon 10/22/18		Tester,Quality Engineer,Requirement
95			Development Phase	29 days	Tue 10/23/18	Fri 11/30/18		
96			Client meeting	1 day	Wed 10/31/18	Wed 10/31/18		Feasibility Analyst,II V&V
97			577 Project Presentation	1 day	Mon 11/5/18	Mon 11/5/18		Feasibility Analyst,II V&V
98			Conduct code revide with Crucible	1 day	Mon 11/5/18	Mon 11/5/18		Feasibility Analyst,II V&V
99			Core Capability Demonstration	1 day	Wed 11/14/18	Wed 11/14/18		Feasibility Analyst,II V&V
100			DC Review	1 day	Mon 11/26/18	Mon 11/26/18		Feasibility Analyst,II V&V
101			Coding Tasks	9 days	Wed 10/31/18	Thu 11/8/18		

Project: Discovery Tool Software
Date: Wed 10/31/18

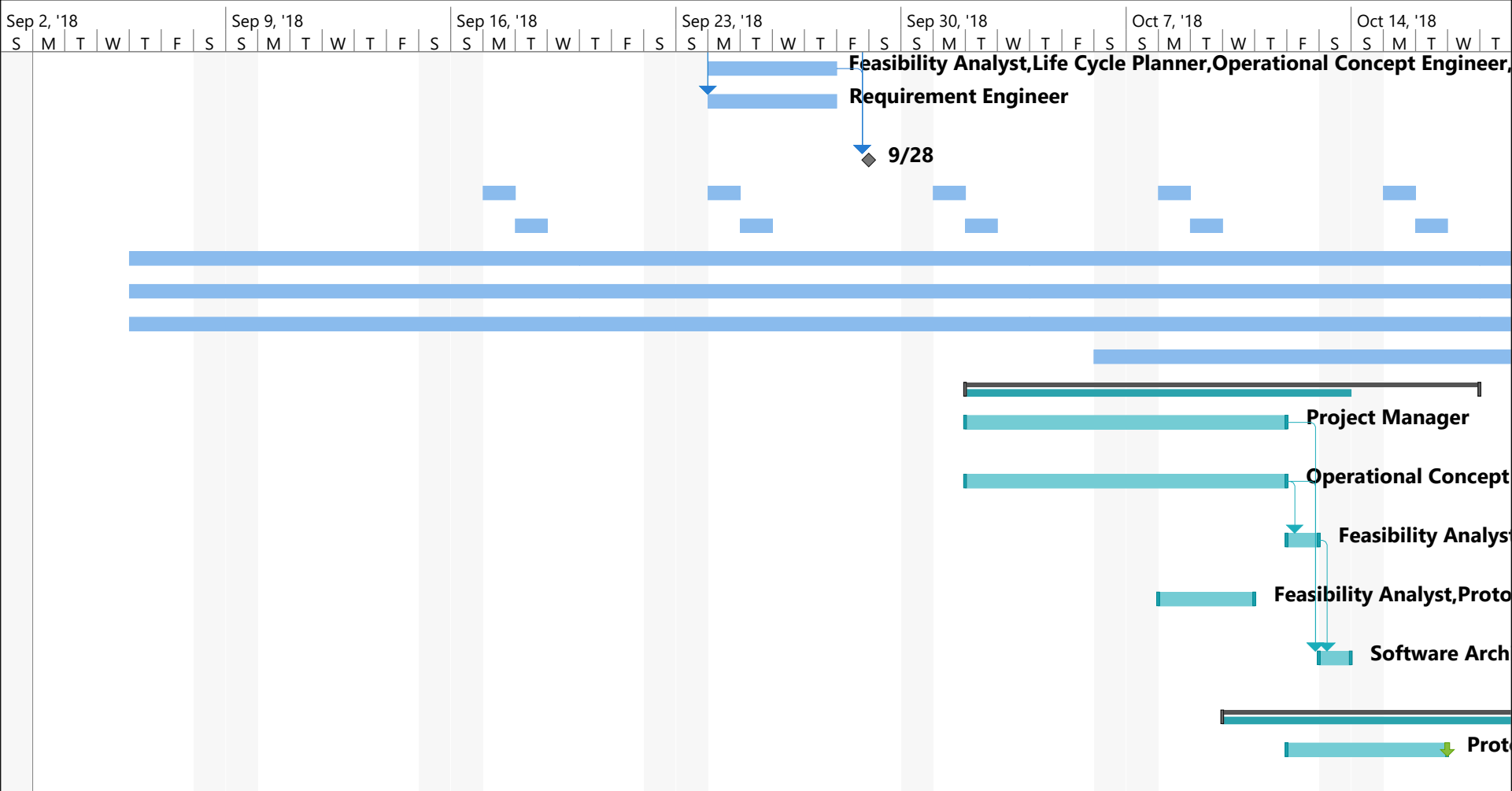
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Inactive Milestone		Finish-only			

ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	
102			Write test for existing features	8 days	Thu 11/1/18	Thu 11/8/18		Prototyper,Tester	
103			Modify backend to reflect new changes client proposed	4 days	Thu 11/1/18	Sun 11/4/18		Prototyper	
104			Modify frontend UI to reflect new changes client proposed	4 days	Thu 11/1/18	Sun 11/4/18		Prototyper	

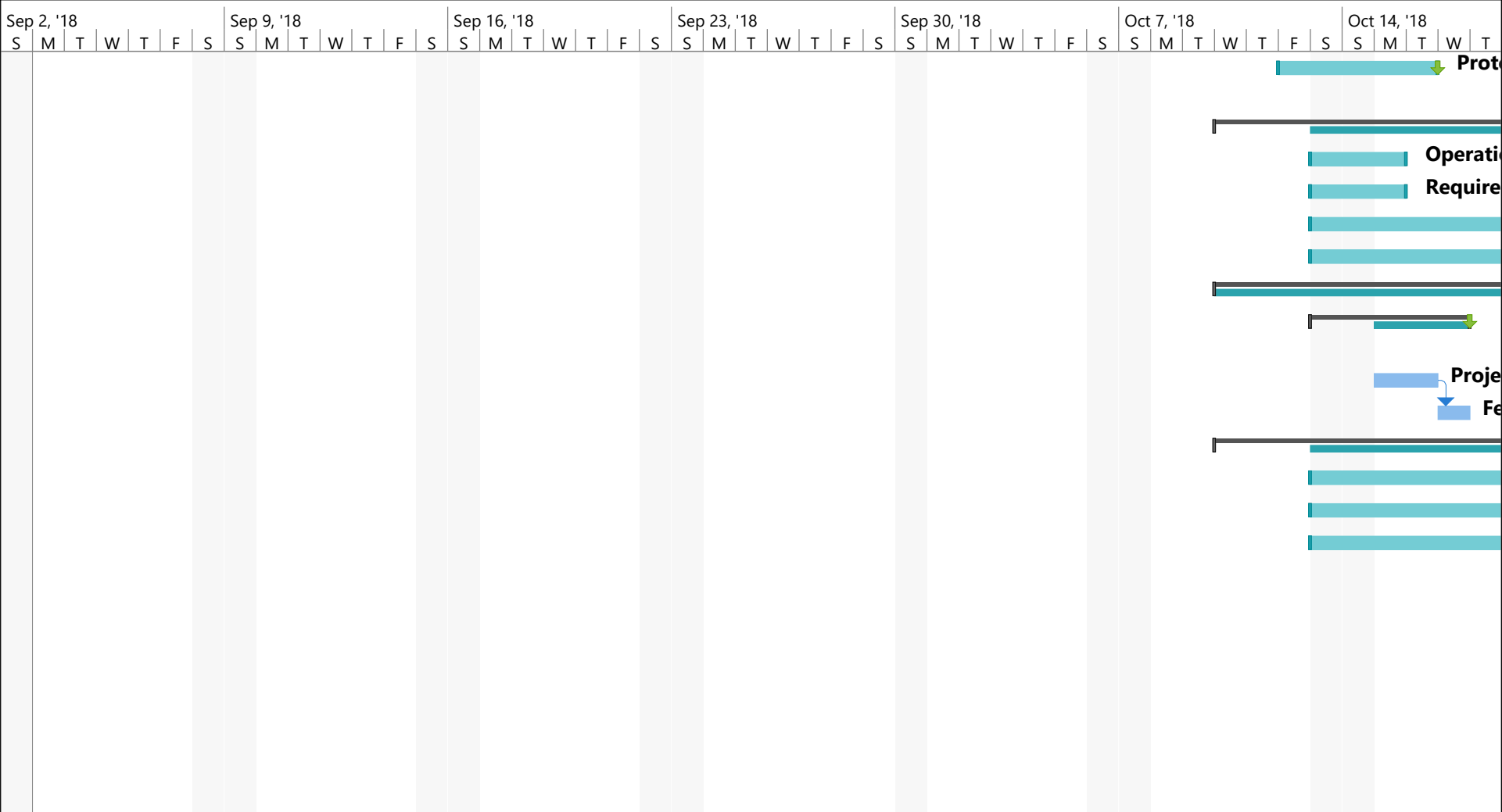
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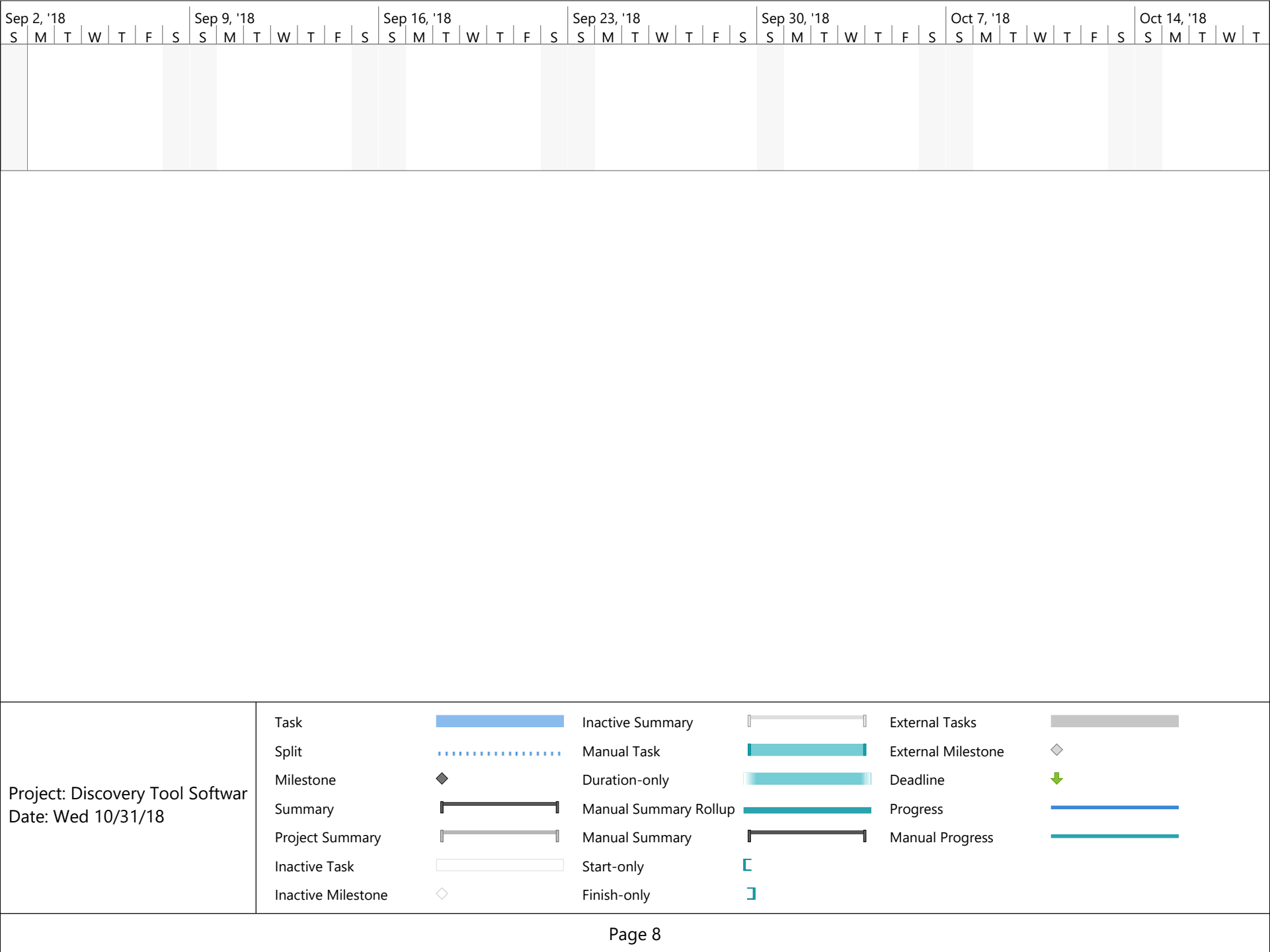
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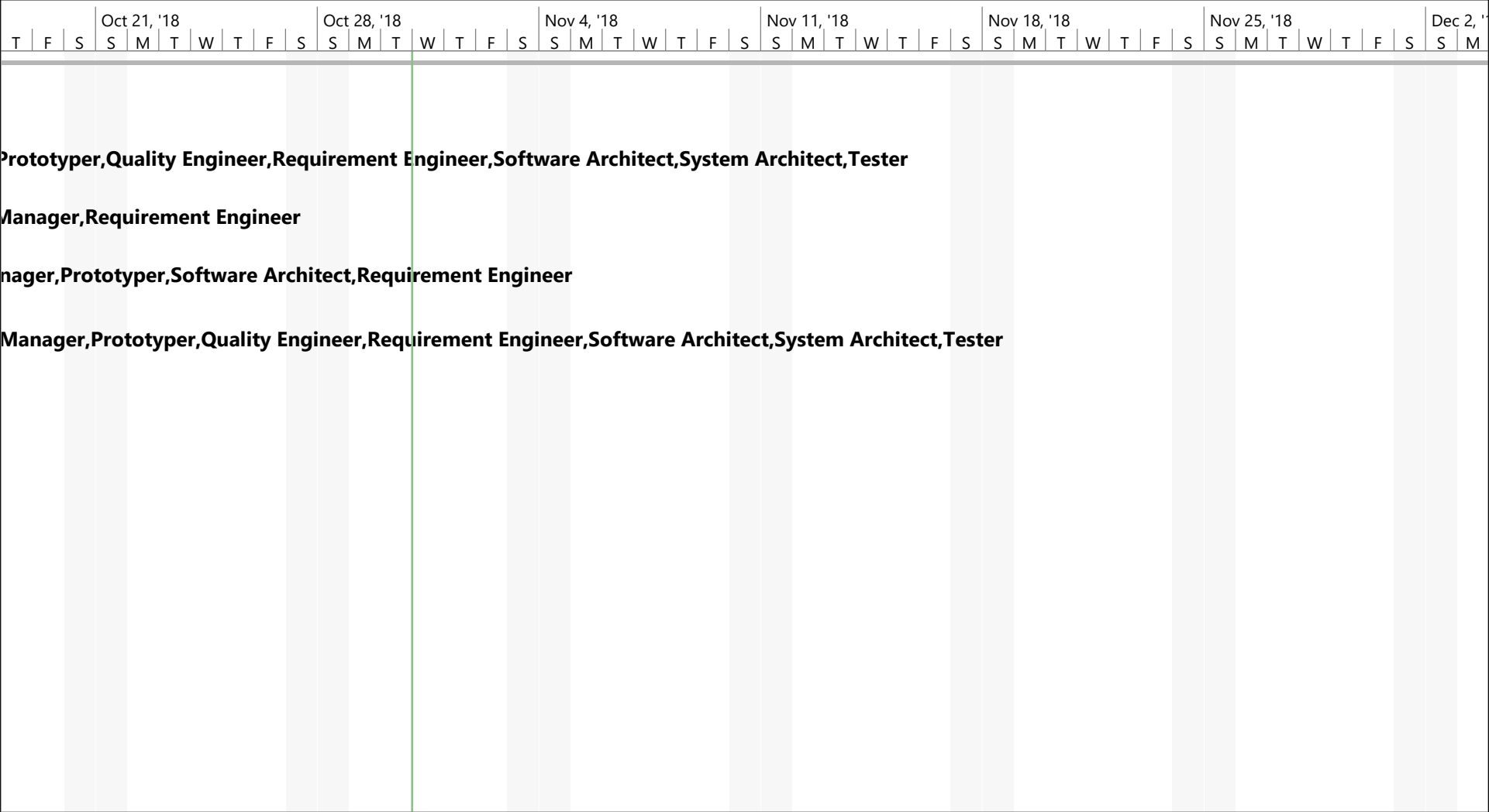
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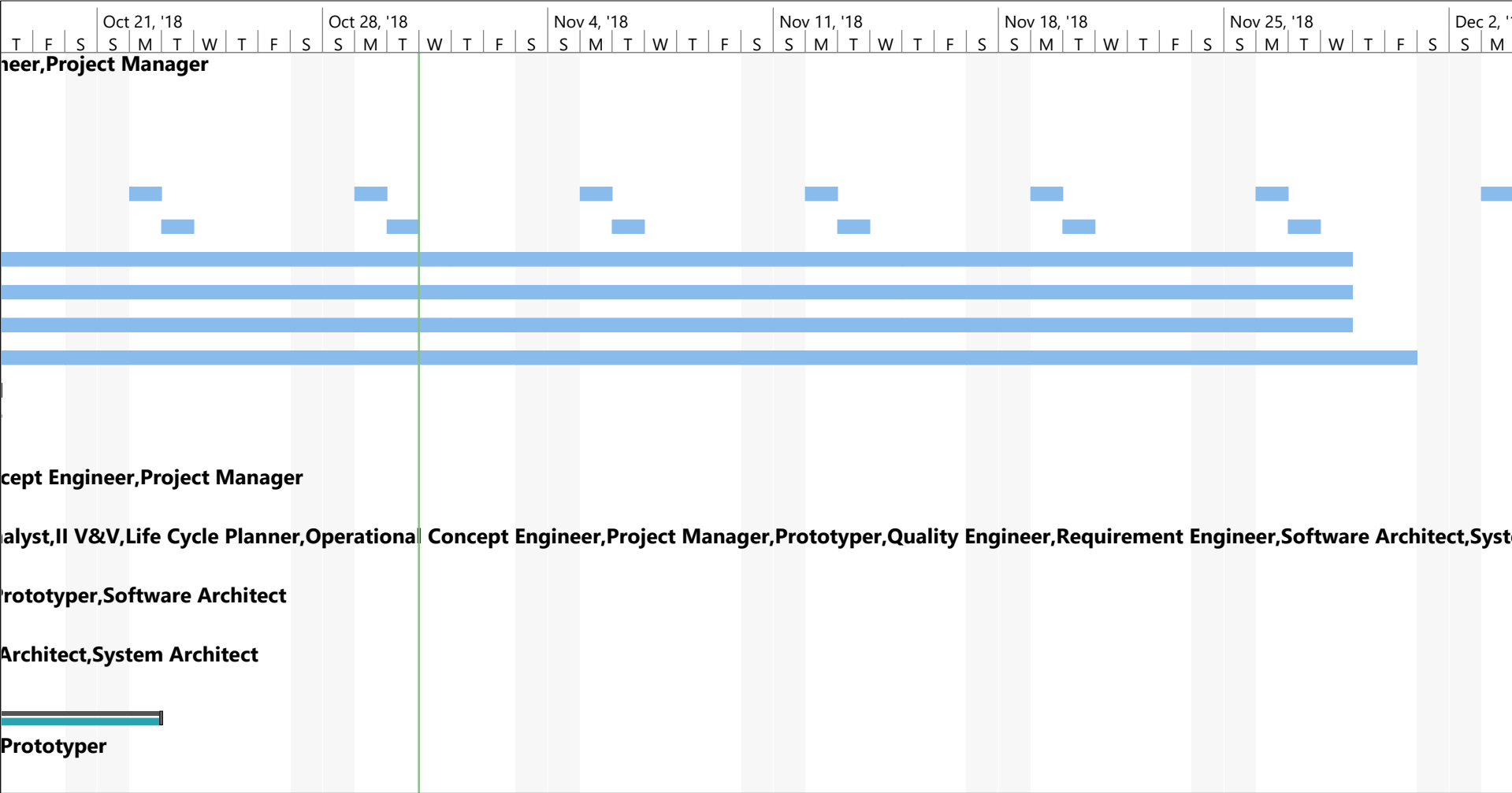


Page 8

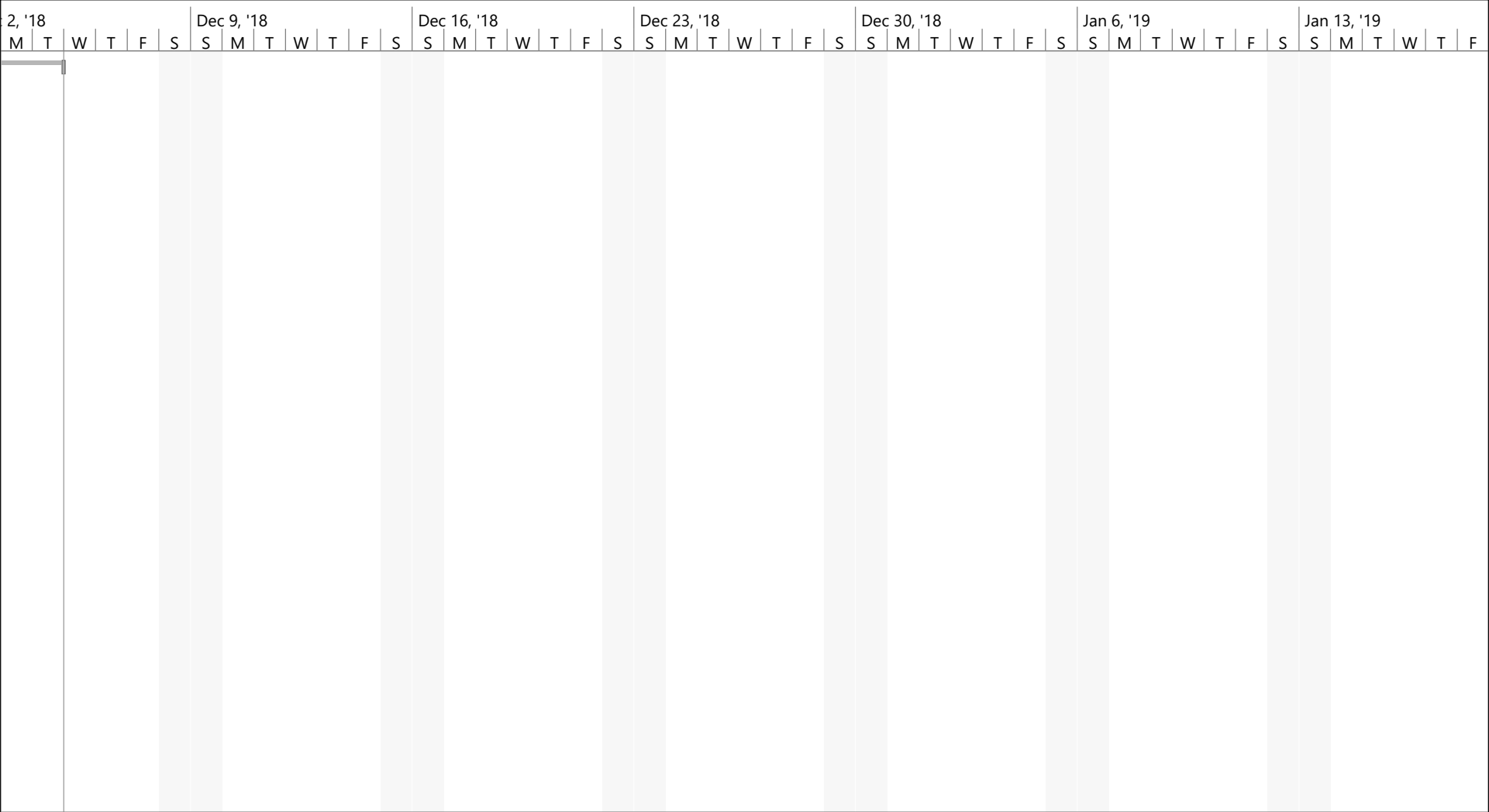


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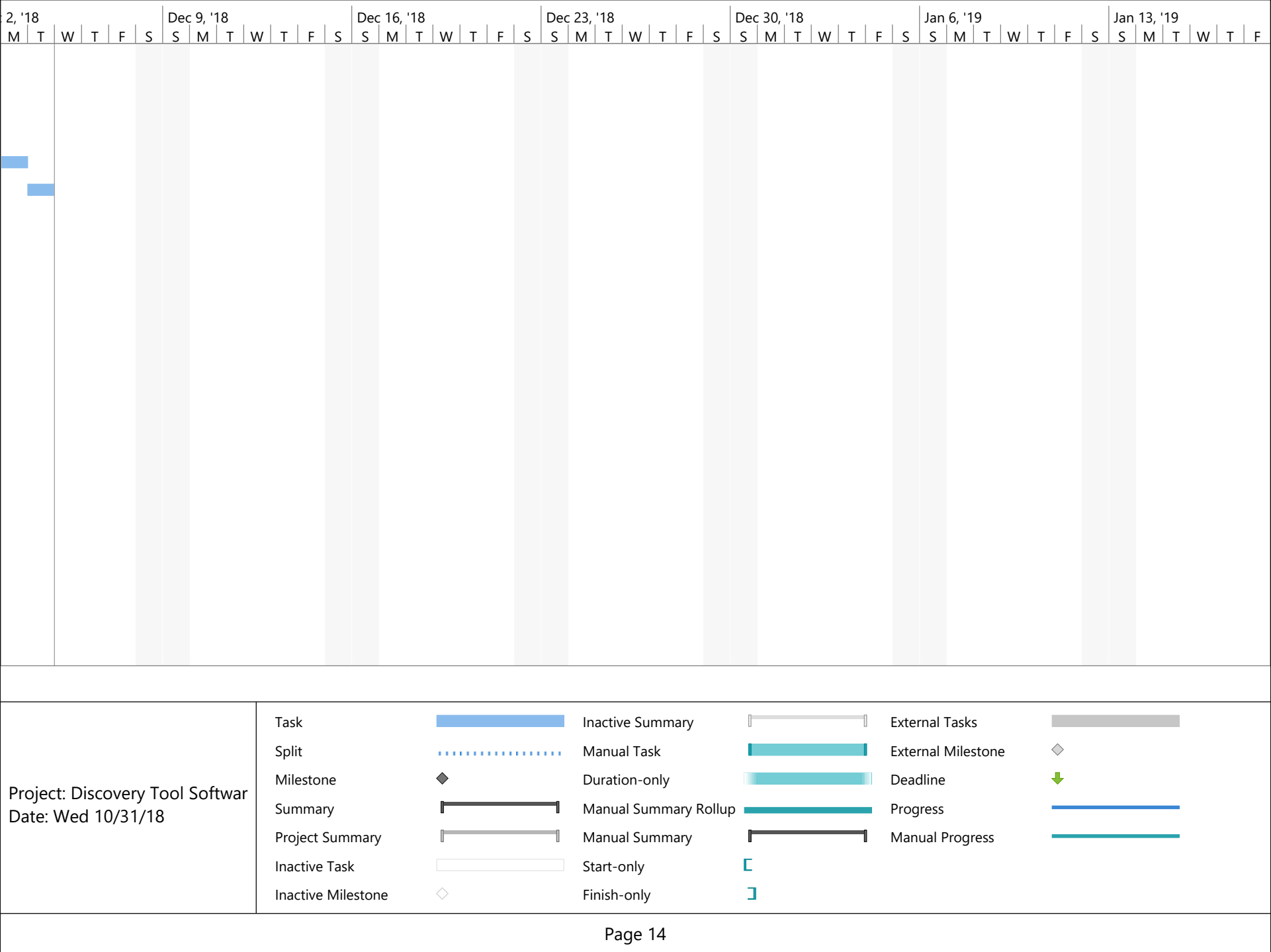
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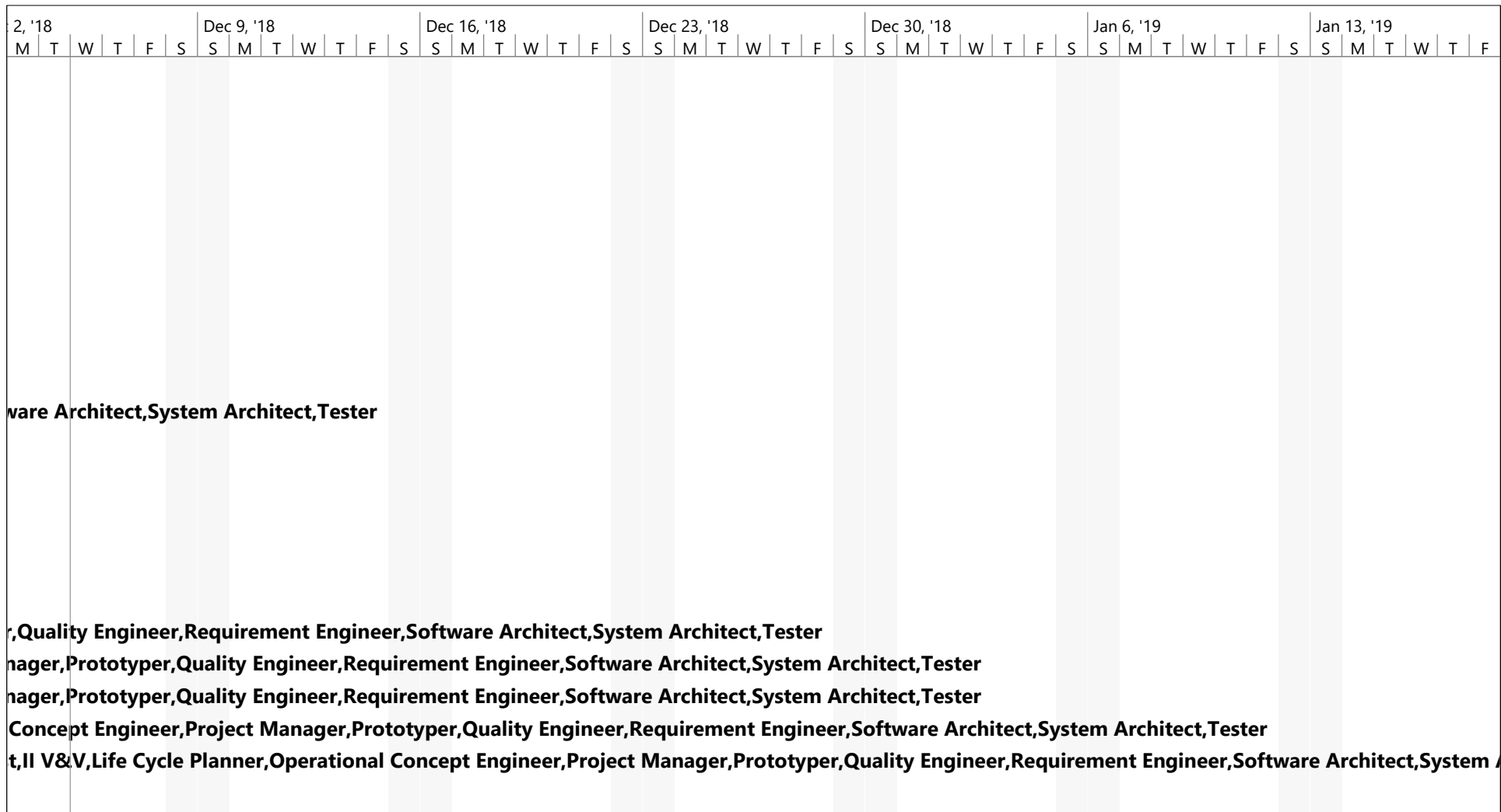


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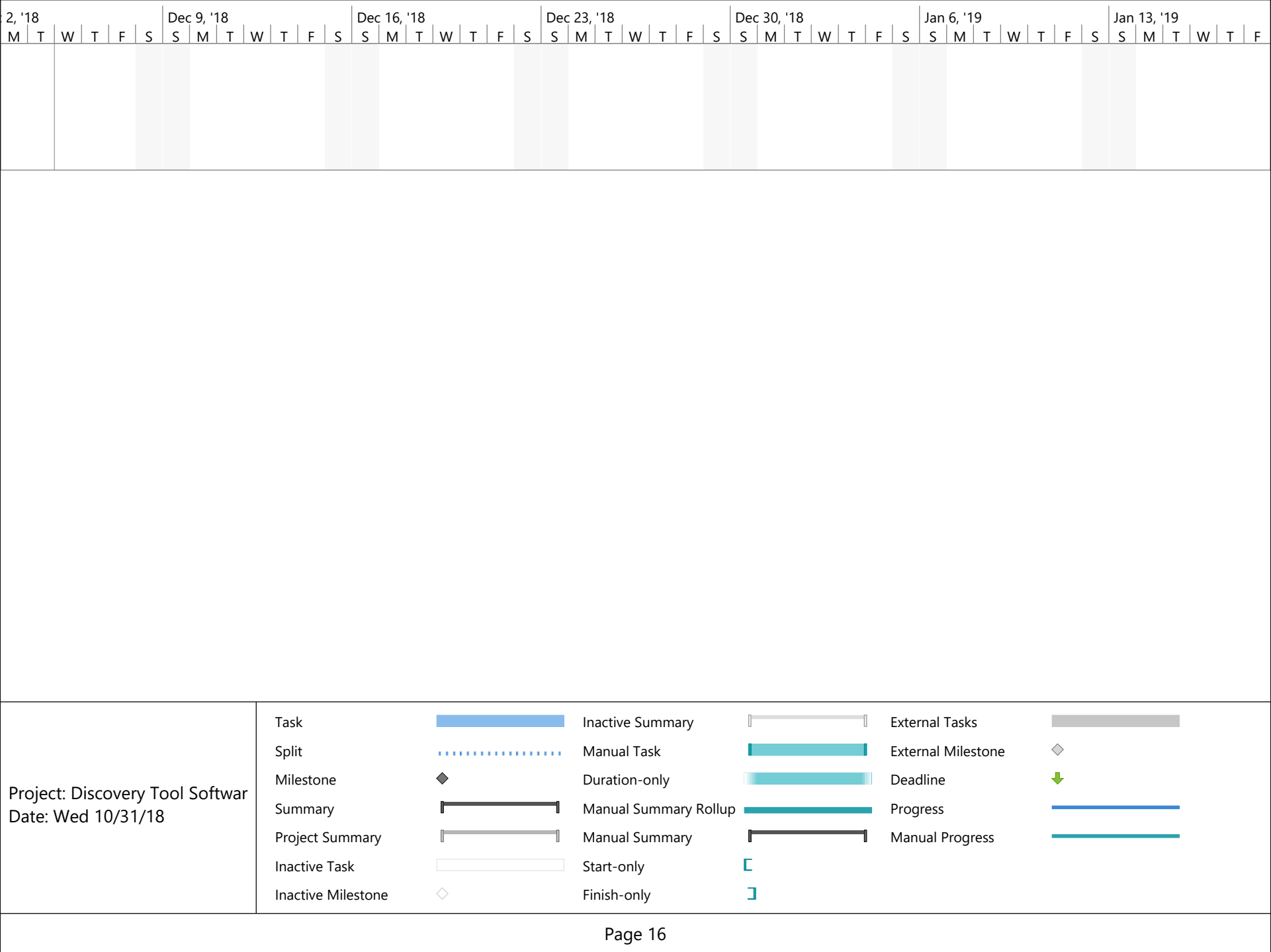
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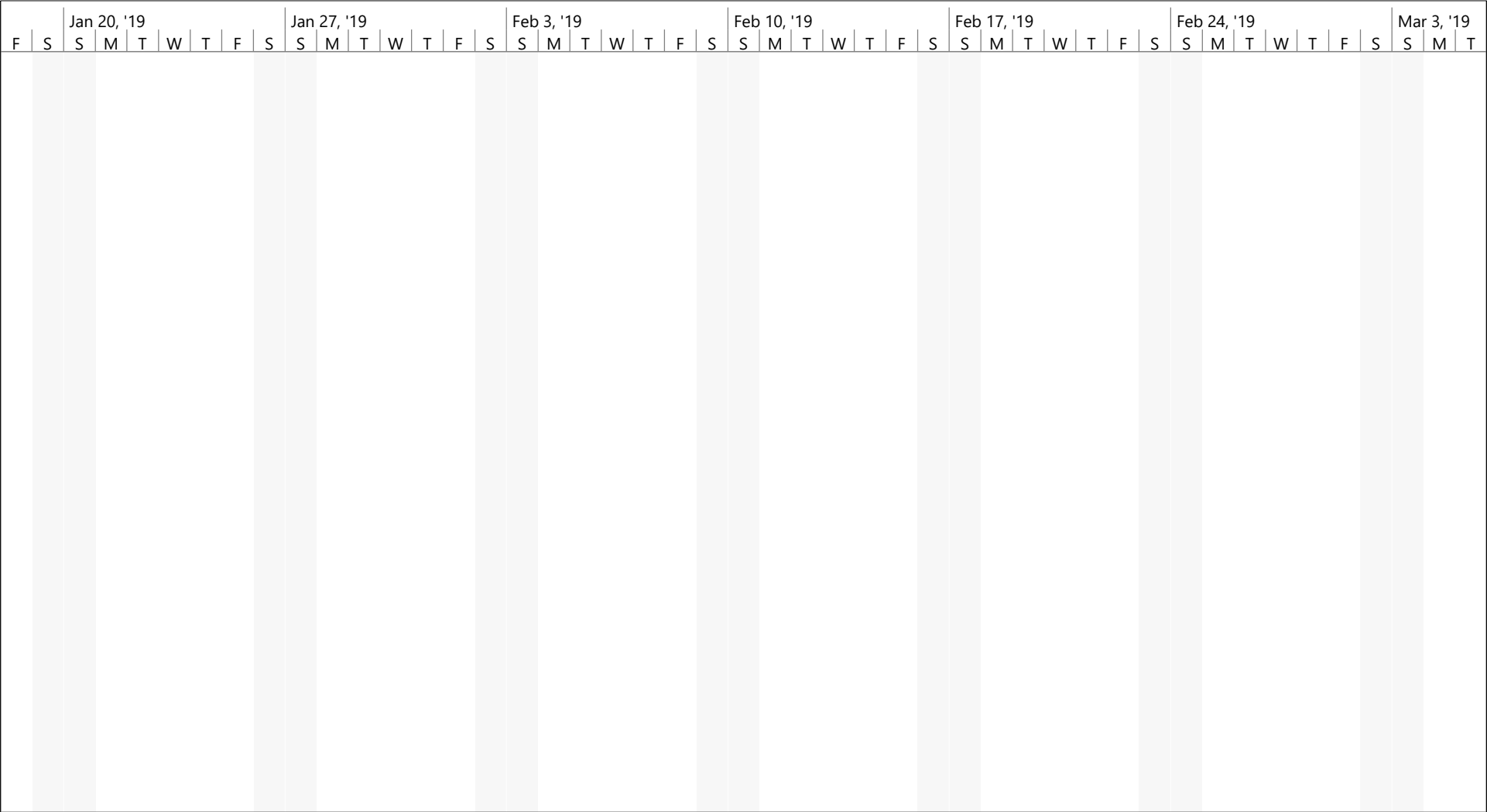




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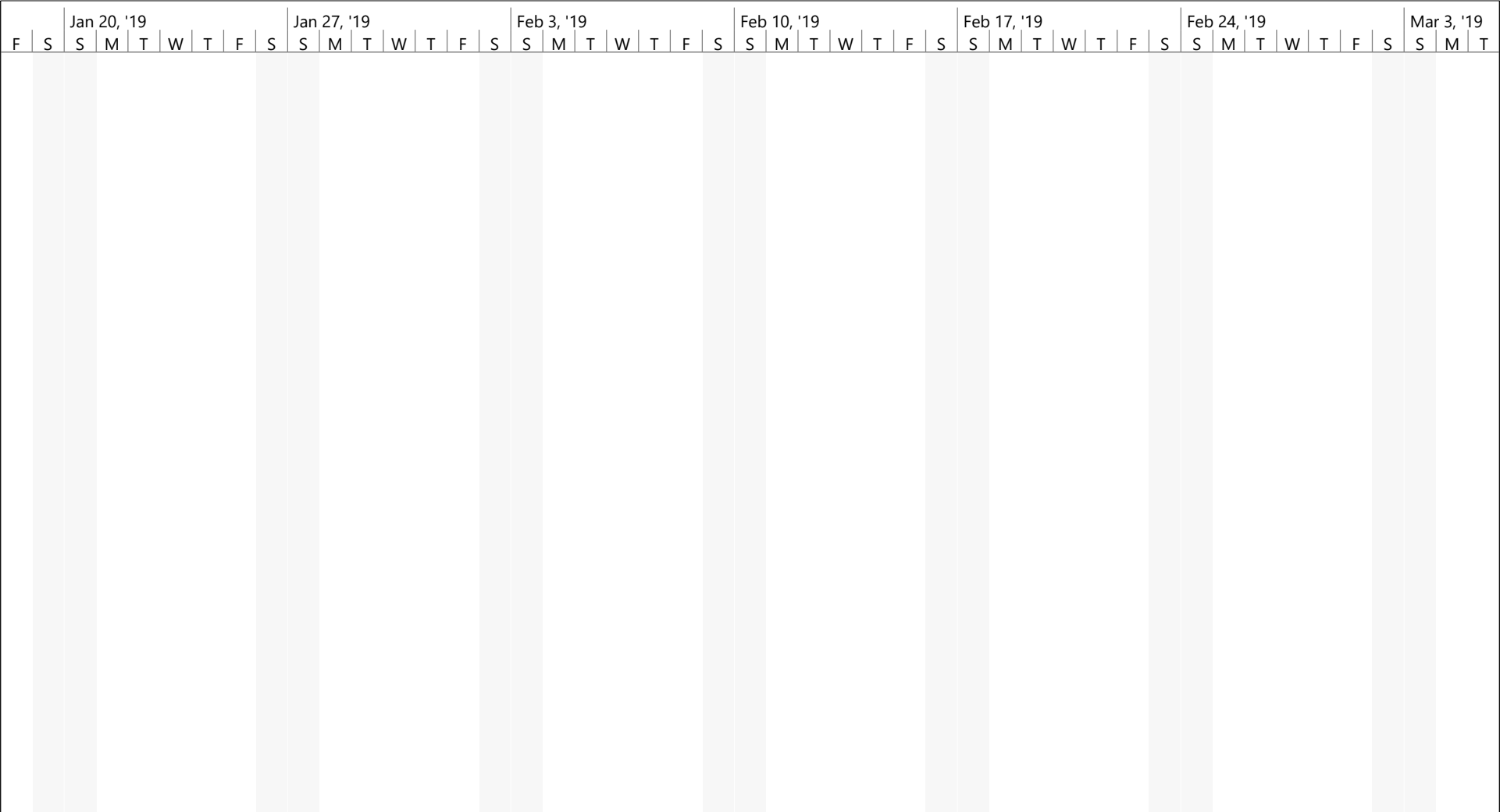


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