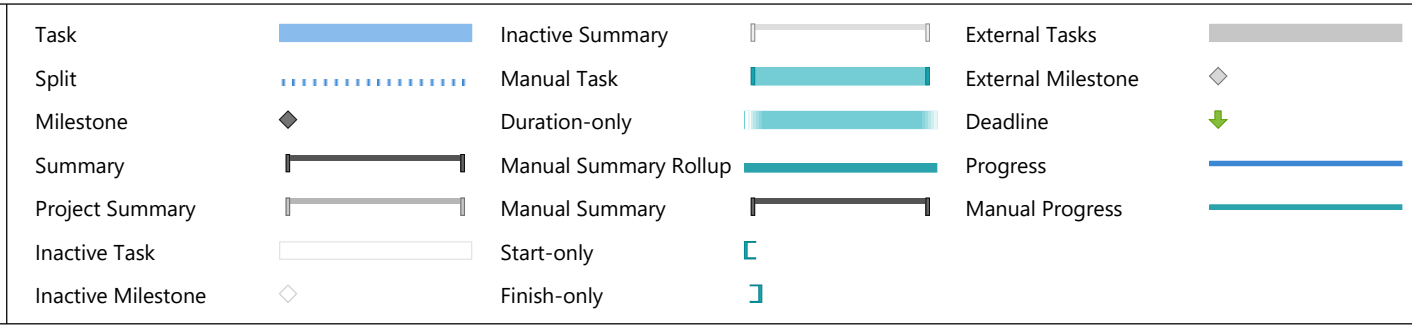
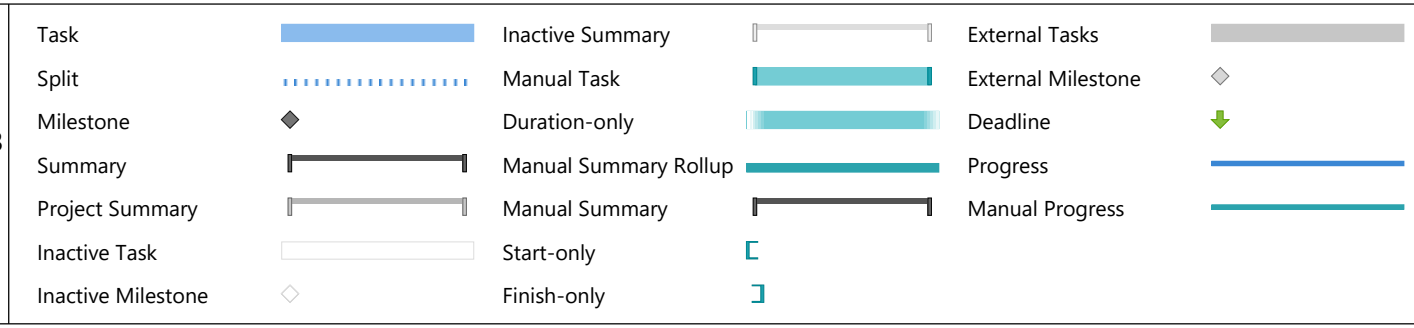
ID	Task Mode	Task Name	Duration	Start	Finish
0		**AP Automation Phase 3**	**540 hrs?**	**Mon 7/5/21**	**Mon 11/15/2**
1		**Development Sprints**	**540 hrs?**	**Mon 7/5/21**	**Mon 11/15/21**
2		**V2 Related Activities**	**168 hrs**	**Mon 7/5/21**	**Tue 8/17/21**
3	✓	Testing V2	12 hrs	Thu 7/8/21	Fri 7/9/21
4	✓	Distributed Load Testing R&D	36 hrs	Mon 7/12/21	Mon 7/19/21
5	✓	Bug Fixing V2	18 hrs	Mon 7/5/21	Wed 7/7/21
6	✓	Load Testing	36 hrs	Mon 7/26/21	Mon 8/2/21
7	✓	Creation of Media, Production and System Setup Load Tests& Report Creation	36 hrs	Tue 8/3/21	Tue 8/10/21
8	✓	R&D on DLT Infrastructure and Implementation	18 hrs	Mon 7/12/21	Wed 7/14/21
9		Load and Stress testing of ScannerFunction	18 hrs	Wed 8/11/21	Fri 8/13/21
10		Result Analysis of Load and Stress testing of scanner function	12 hrs	Mon 8/16/21	Tue 8/17/21
11		***Development of Version V3 (New Feature Branch)***	**540 hrs?**	**Mon 7/5/21**	**Mon 11/15/21**
12		**Version 2.1.0**	**432 hrs?**	**Mon 7/5/21**	**Wed 10/20/21**
13		**Code Refactoring**	**126 hrs**	**Mon 7/12/21**	**Fri 8/13/21**
23	✓	Deployment Data Search Service (DSS)	20 hrs	Mon 7/5/21	Wed 7/7/21
24	✓	Performance Improvement of DSS	20 hrs	Thu 7/8/21	Mon 7/12/21
25	✓	DSS Requirement Analysis for ML Data Requirement	24 hrs	Wed 7/14/21	Mon 7/26/21
26	✓	DLT Infrastructure Deployment	24 hrs	Tue 7/27/21	Fri 7/30/21
27	✓	Integration with APA	20 hrs	Tue 7/13/21	Fri 7/16/21
28		ERD and data storage design for ML	30 hrs	Mon 7/19/21	Thu 7/29/21
29		Analysis on Data Generation Strategies	60 hrs	Mon 8/2/21	Fri 8/13/21
30		Simulation of Data Generation for dession making	12 hrs	Mon 8/16/21	Tue 8/17/21

Project: AP Automation Phase 3
Date: Fri 8/20/21

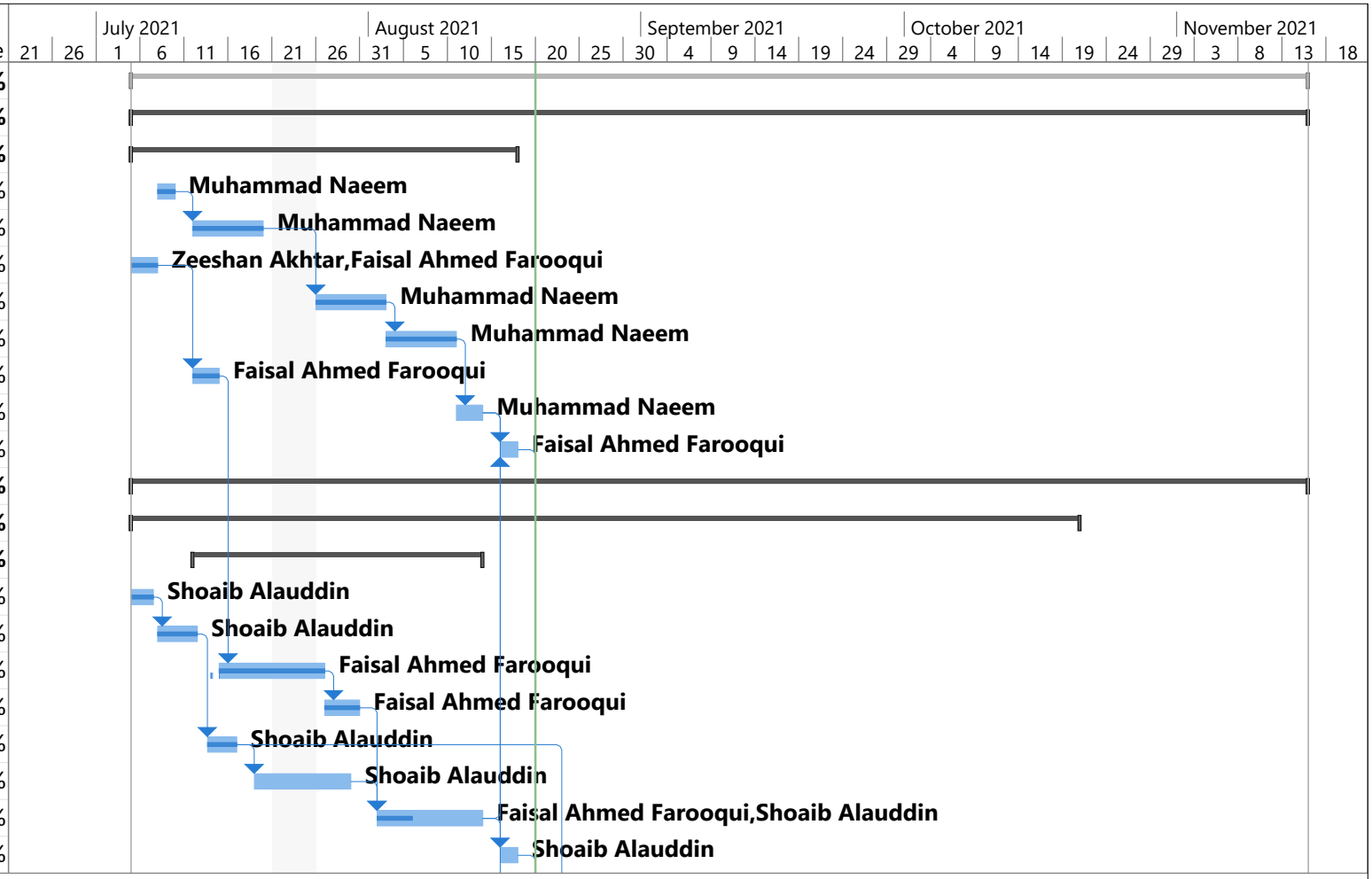


ID	Task Mode	Task Name	Duration	Start	Finish
31		Data Preparation and Data Analysis	36 hrs	Fri 8/20/21	Fri 8/27/21
32		Requirement Understanding	18 hrs	Mon 8/16/21	Fri 8/20/21
33		ModelScanner Lambda Updates	12 hrs	Fri 8/20/21	Mon 8/23/21
34		DSS Integration Logic in APA	24 hrs	Tue 8/24/21	Fri 8/27/21
35		**Business Logic for Invoice Routing**	**72 hrs**	**Mon 8/16/21**	**Thu 9/2/21**
39		R&D On ML Models and Existing researches on similar problems	48 hrs	Mon 8/30/21	Wed 9/8/21
40		Test Plan Creation	24 hrs	Mon 8/23/21	Thu 8/26/21
41		Test Case Creation	12 hrs	Fri 8/27/21	Mon 8/30/21
42		Detailed Test Case Writing	18 hrs	Tue 8/31/21	Thu 9/2/21
43		Discussions And Management Activities for Development & QA	18 hrs	Mon 8/30/21	Wed 9/1/21
44		**Build Release**	24 hrs	Thu 9/2/21	Tue 9/7/21
45		Smoke Test Execution	12 hrs	Fri 9/3/21	Mon 9/6/21
46		Sanity Test Execution	18 hrs	Tue 9/7/21	Thu 9/9/21
47		Functional Test Execution	36 hrs	Fri 9/10/21	Fri 9/17/21
48		**Bug Fixing for Business Logic for Invoice Routing**	24 hrs	Fri 9/3/21	Wed 9/8/21
49		Bug Fixing Data Search Service	24 hrs	Thu 9/9/21	Tue 9/14/21
50		Bug Fixing Related Discussions And Management Activities	24 hrs	Wed 9/8/21	Mon 9/13/21
51		Results and Data Analysis of DSS for ML Models	24 hrs	Tue 9/14/21	Fri 9/17/21
52		Development Finalization	24 hrs	Thu 9/9/21	Tue 9/14/21
53		**Build Release**	**6 hrs?**	**Wed 9/15/21**	**Wed 9/15/21**
54		**New Features on Core APA Version 2.1.0**	**156 hrs?**	**Wed 9/15/21**	**Wed 10/20/21**
81		**Version 2.2.0**	**264 hrs?**	**Wed 9/15/21**	**Mon 11/15/21**

Project: AP Automation Phase 3
Date: Fri 8/20/21



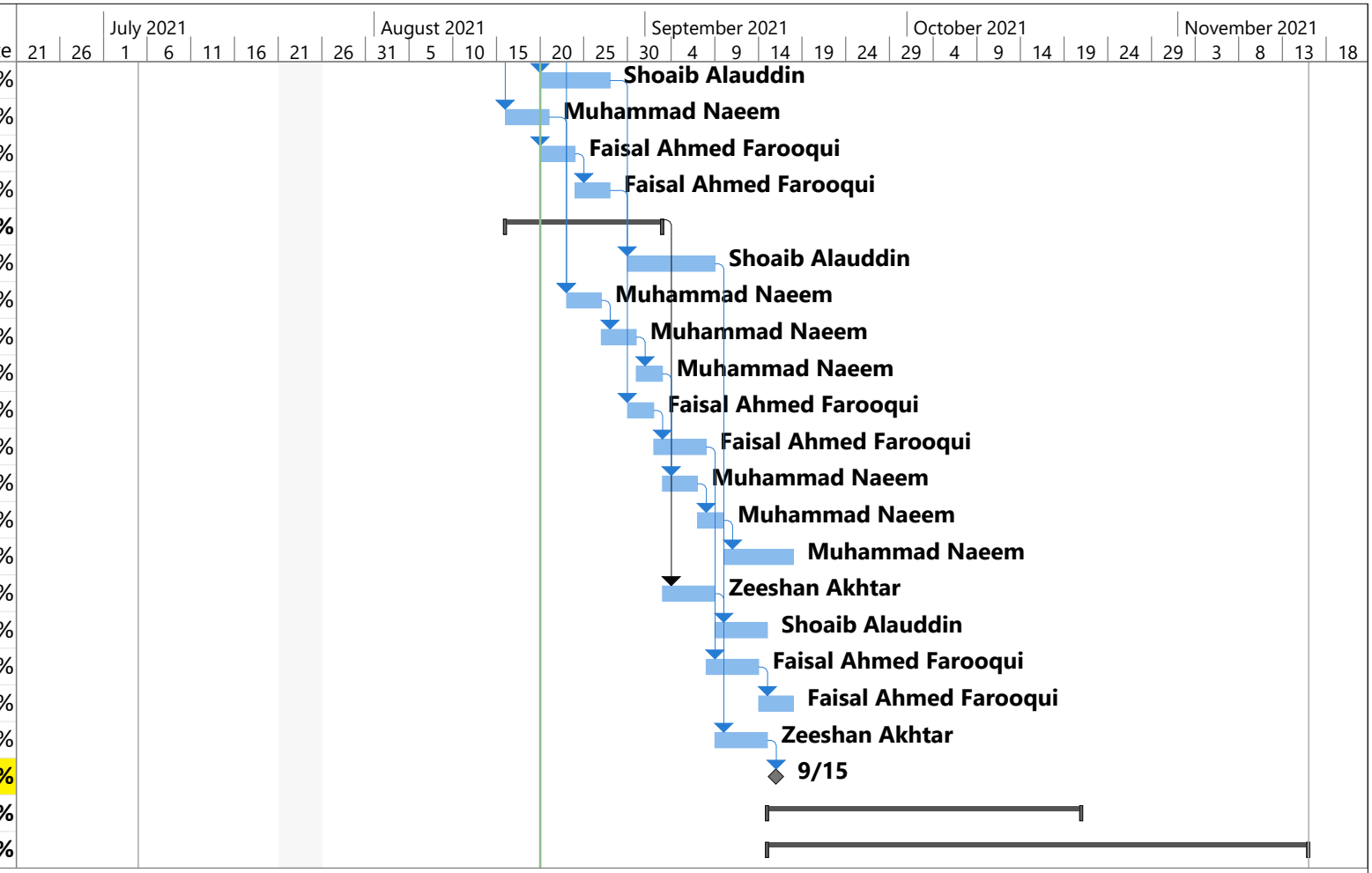
Predecessors	Resource Initials	% Work Complete	% Complete
		21%	**19%**
		21%	**19%**
		85%	**84%**
	MN	100%	100%
3	MN	100%	100%
	ZA,FAF	100%	100%
4	MN	100%	100%
6	MN	100%	100%
5	FAF	100%	100%
7	MN	0%	0%
29,9	FAF	0%	0%
		13%	**12%**
		18%	**16%**
		62%	**63%**
	SA	100%	100%
23	SA	100%	100%
8	FAF	100%	100%
25	FAF	100%	100%
24	SA	100%	100%
27	SA	0%	0%
26,28	FAF,SA	47%	40%
29	SA	0%	0%



Project: AP Automation Phase 3
Date: Fri 8/20/21

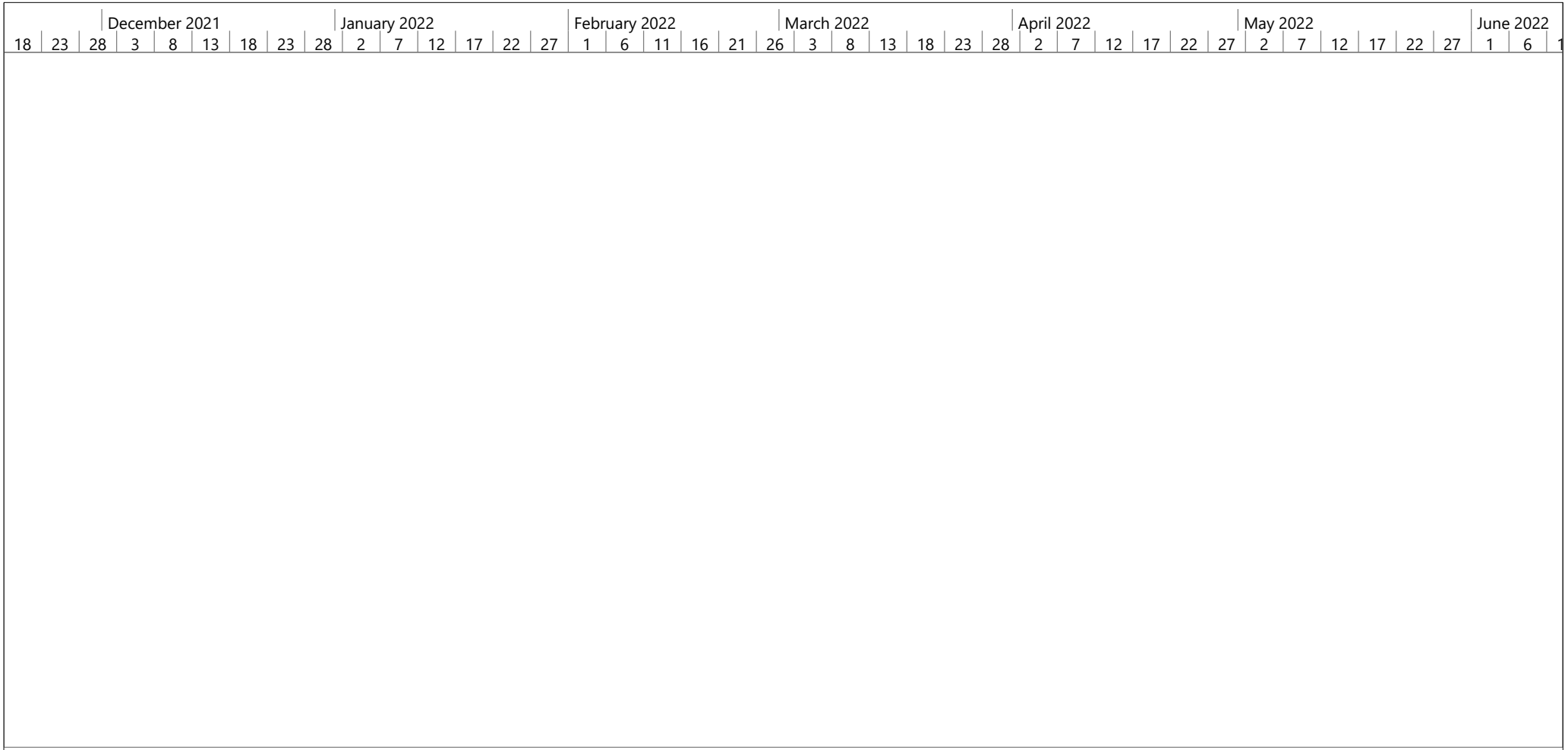
Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	

Predecessors	Resource Initials	% Work Complete	% Complete
30	SA	0%	0%
9	MN	0%	0%
10	FAF	0%	0%
33	FAF	0%	0%
		0%	**0%**
31	SA	0%	0%
32,27	MN	0%	0%
40	MN	0%	0%
41	MN	0%	0%
34	FAF	0%	0%
43	FAF	0%	0%
42	MN	0%	0%
45	MN	0%	0%
46	MN	0%	0%
35	ZA	0%	0%
39	SA	0%	0%
44	FAF	0%	0%
50	FAF	0%	0%
48	ZA	0%	0%
52		**0%**	**0%**
		0%	**0%**
		0%	**0%**



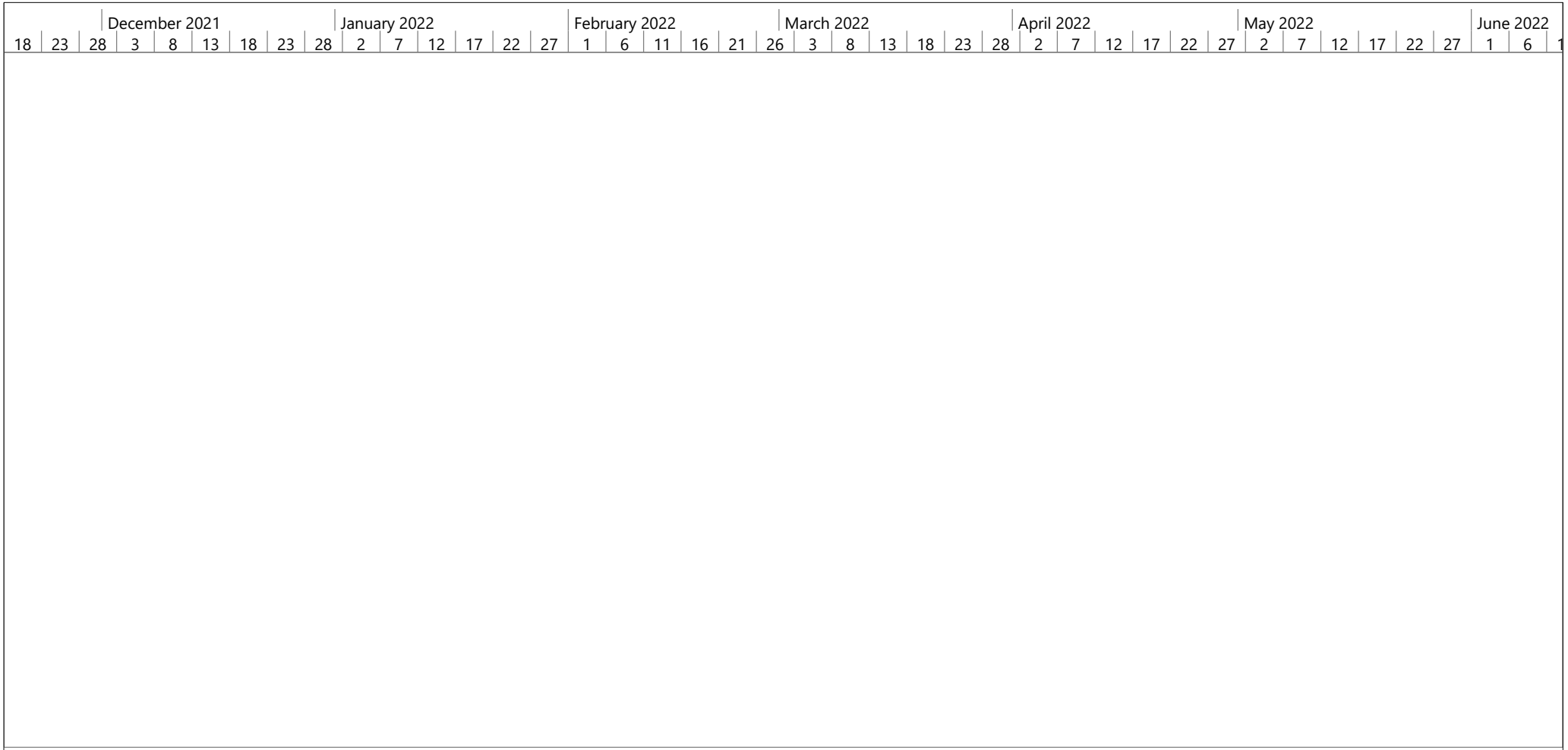
Project: AP Automation Phase 3
Date: Fri 8/20/21

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	



Project: AP Automation Phase 3
Date: Fri 8/20/21

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	



Project: AP Automation Phase 3
Date: Fri 8/20/21

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	