













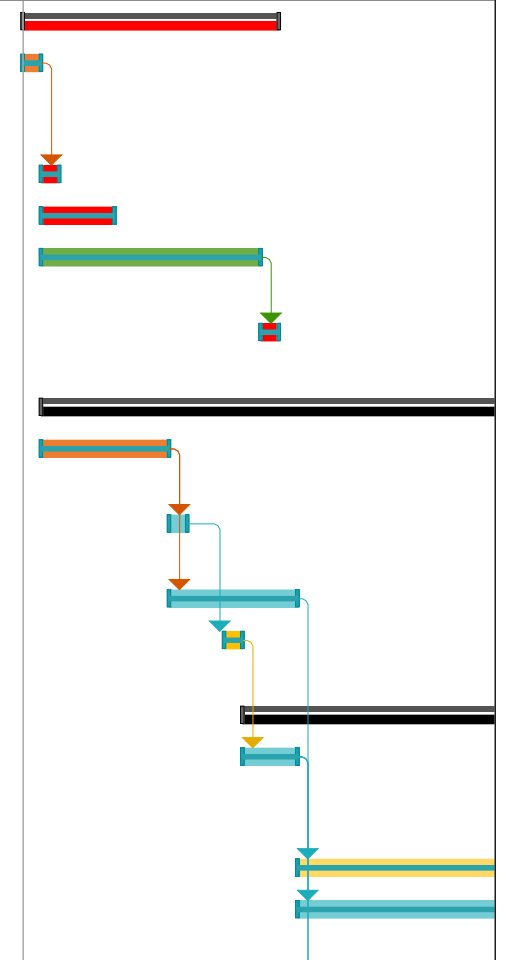
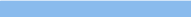

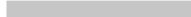






























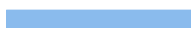





















ID		Task Name	Duration	Start	Finish	Predecessors	13	16	19	22	25	28	October 2020			
1		Proposition de services	10 days	Thu 9/17/20	Wed 9/30/20											
2		Confirmation avec Superviseur et Coordonateur	1 day	Thu 9/17/20	Thu 9/17/20											
3		Soumission de projet	1 day	Fri 9/18/20	Fri 9/18/20	2										
4		Élaboration des concepts	2 days	Fri 9/18/20	Mon 9/21/20											
5		Rédaction de la Proposition de services	8 days	Fri 9/18/20	Tue 9/29/20											
6		Remis de la proposition de services	1 day	Wed 9/30/20	Wed 9/30/20	5										
7		Ingénierie de Concept	40 days	Fri 9/18/20	Thu 11/12/20											
8		Définition et analyses des besoins	5 days	Fri 9/18/20	Thu 9/24/20											
9		Relevés (Dimensions d'une table)	1 day	Fri 9/25/20	Fri 9/25/20	8										
10		Recherche d'algorithmes IA	5 days	Fri 9/25/20	Thu 10/1/20	8										
11		Dimensions acceptables pour les robots	1 day	Mon 9/28/20	Mon 9/28/20	9										
12		Robot	22 days	Tue 9/29/20	Wed 10/28/20											
13		Recherche de solutions (Brainstorming, recherche, etc)	3 days	Tue 9/29/20	Thu 10/1/20	11										
14		Estimations	18 days	Fri 10/2/20	Tue 10/27/20	13										
15		Lectures & recherche de documentation	19 days	Fri 10/2/20	Wed 10/28/20	13										

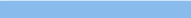

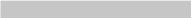



















Project: Project1 Date: Sun 11/22/20	Task		Inactive Summary		External Tasks	
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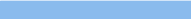

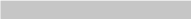
















ID		Task Name	Duration	Start	Finish	Predecessors	13	16	19	22	25	28	October 2020	1	4	7	10
16		Croquis ou dessins	19 days	Fri 10/2/20	Wed 10/28/20	13											
17		Choix de l'algorithme	1 day	Fri 10/2/20	Fri 10/2/20	10											
18		IA	18 days	Mon 10/5/20	Wed 10/28/20												
19		Calcul de la puissance de calcul nécessaire	4 days	Mon 10/5/20	Thu 10/8/20	17											
20		Choix de la plateforme de développement	3 days	Wed 10/14/20	Fri 10/16/20	23											
21		Faire l'inventaire des plateformes robotiques	7 days	Mon 10/19/20	Tue 10/27/20	20											
22		Choix de la plateforme robotique	1 day	Wed 10/28/20	Wed 10/28/20	14,21											
23		Recherche et inventaire des plateformes de développement	3 days	Fri 10/9/20	Tue 10/13/20	19											
24		Rédaction Rapport 1	20 days	Fri 10/16/20	Thu 11/12/20												
25		Choix du concept finale	3 days	Thu 10/29/20	Mon 11/2/20	15,16,22											
26		Rapport #1 ingénierie de concept	6 days	Fri 11/13/20	Fri 11/20/20												
27		Remise du rapport au conseiller	1 day	Fri 11/13/20	Fri 11/13/20												
28		Dépôt par le conseiller sur web-projet de l'évaluation du rapport d'étape 1; ingénierie de concept	6 days	Fri 11/13/20	Fri 11/20/20												
29		Correction rapport 1	4 days	Mon 11/16/20	Thu 11/19/20	27											


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ID		Task Name	Duration	Start	Finish	Predecessors	13	16	19	22	25	28	October 2020			
30		Dépôt sur web-projet de la version corrigée du rapport d'étape #1	1 day	Fri 11/20/20	Fri 11/20/20	29							1	4	7	10
31		Ingénierie préliminaire	100 days	Mon 11/23/20	Fri 4/9/21	30										
32		Analyse détaillé des besoins	2 days	Mon 11/23/20	Tue 11/24/20											
33		Relevés Avec précision d'une table UQAC	2 days	Mon 11/23/20	Tue 11/24/20											
34		developement de la solution de detection	20 days	Mon 11/23/20	Fri 12/18/20											
35		tetative avec fleche	9 days	Mon 11/23/20	Thu 12/3/20											
36		tentative avec QR code	11 days	Fri 12/4/20	Fri 12/18/20	35										
37		control des mouvement avec algorithme	55 days	Mon 11/23/20	Fri 2/5/21											
38		developement d'un algorithme	20 days	Mon 11/23/20	Fri 12/18/20											
39		teste de l'algorithme	15 days	Mon 1/11/21	Fri 1/29/21											
40		Amélioration algorithme	5 days	Mon 2/1/21	Fri 2/5/21	39										
41		À déterminer en fonction du projet choisit	23 days	Wed 11/25/20	Fri 12/25/20	32										
42		Rédaction du rapport d'ingénierie préliminaire	16 days	Fri 1/22/21	Fri 2/12/21											
43		controll avec AI	25 days	Mon 2/8/21	Fri 3/12/21	37										
44		modele DQN	15 days	Mon 2/8/21	Fri 2/26/21											

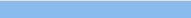

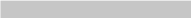
















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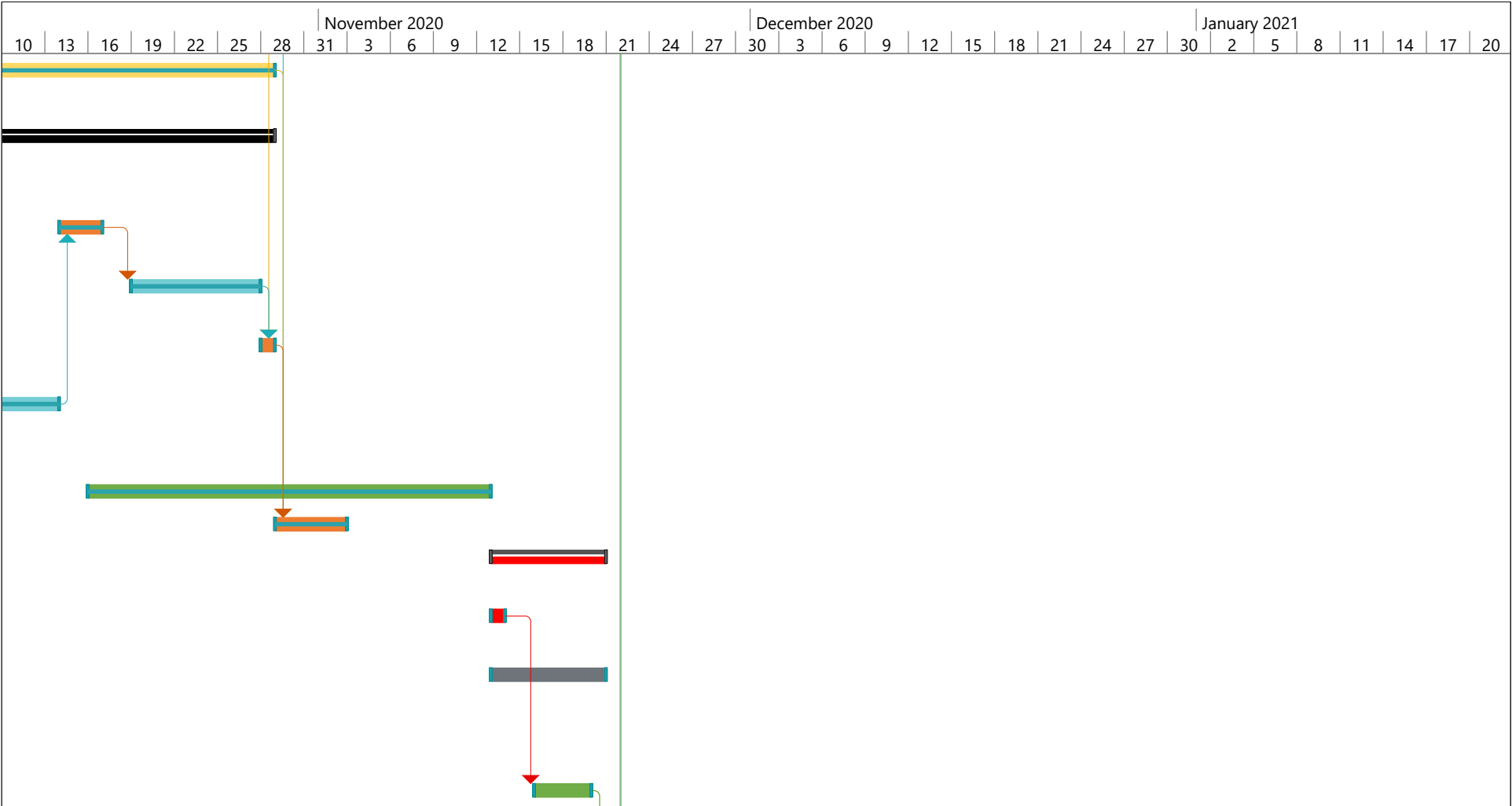
ID		Task Name	Duration	Start	Finish	Predecessors	13	16	19	22	25	28	October 2020			
45		entrainement	20 days	Mon 2/8/21	Fri 3/5/21								1	4	7	10
46		autre methode AI	10 days	Mon 3/1/21	Fri 3/12/21	44										
47		mise en place avec la plateforme robotique	29 days	Tue 3/2/21	Fri 4/9/21											
48		implementation de l'algorithme ou AI	15 days	Tue 3/2/21	Mon 3/22/21											
49		mise en place de la plateforme de jeu	23 days	Wed 3/10/21	Fri 4/9/21											
50		entrainement et teste avec AI ou algorithme	13 days	Tue 3/23/21	Thu 4/8/21	48										
51		Rapport #2 ingénierie Préliminaire	6 days	Fri 2/12/21	Fri 2/19/21											
52		Remise du rapport au conseiller	1 day	Fri 2/12/21	Fri 2/12/21											
53		Correction rapport 1	4 days	Mon 2/15/21	Thu 2/18/21	52										
54		Dépôt par le conseiller sur web-projet de l'évaluation du rapport d'étape 1; ingénierie de concept	1 day	Fri 2/19/21	Fri 2/19/21											
55		Dépôt sur web-projet de la version corrigée du rapport d'étape #1	1 day	Fri 2/19/21	Fri 2/19/21	53										
56		Ingénierie Détaillé	35 days	Mon 2/22/21	Fri 4/9/21	55										
57		Finaliser l'ingénierie selon préliminaire	35 days	Mon 2/22/21	Fri 4/9/21											

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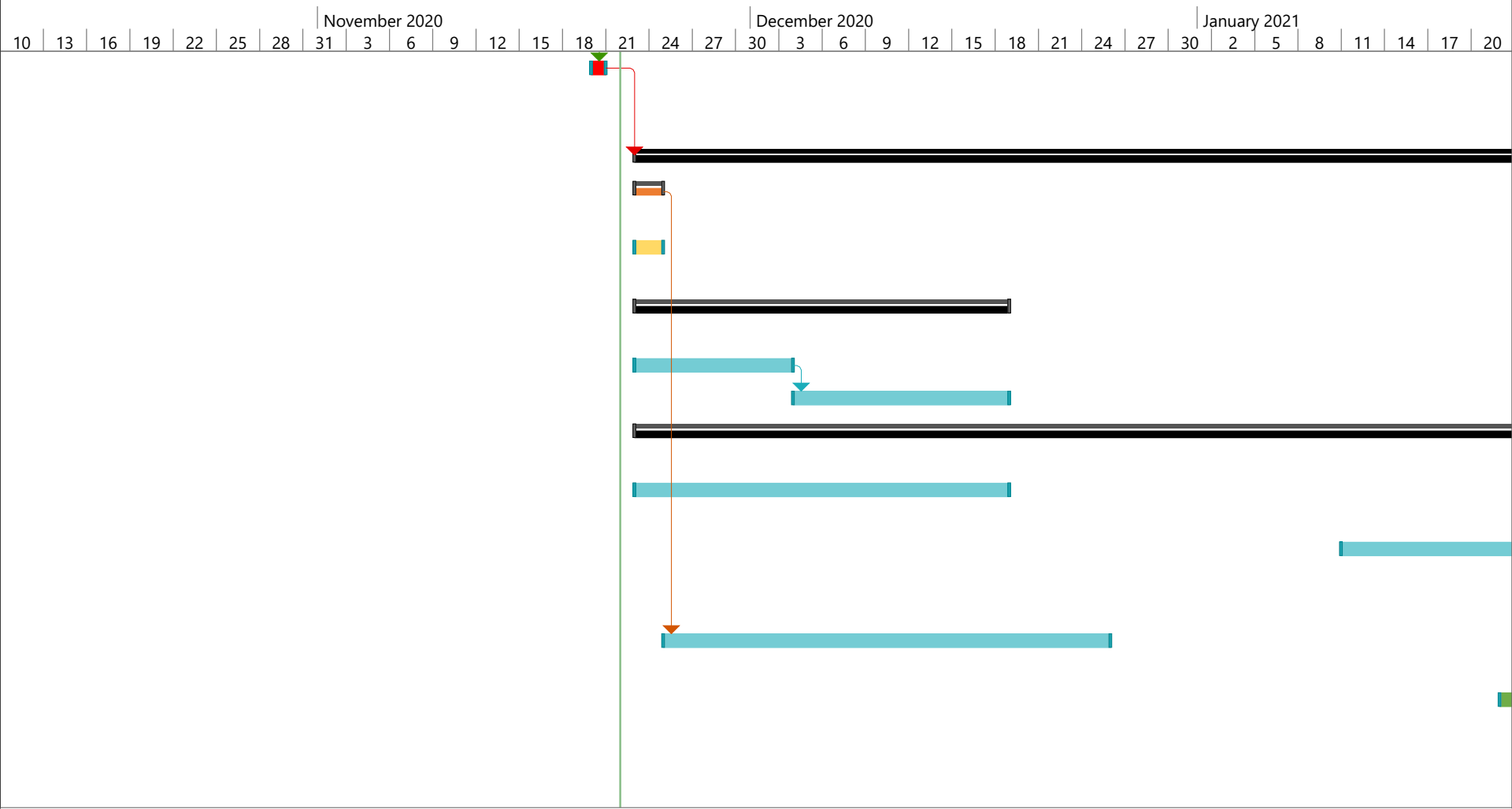
ID		Task Name	Duration	Start	Finish	Predecessors	13	16	19	22	25	28	October 2020			
58		Rédaction du rapport détaillé	17 days	Wed 3/3/21	Thu 3/25/21								1	4	7	10
59		Rapport #3 ingénierie Détaillée	6 days	Fri 3/26/21	Fri 4/2/21											
60		Remise du rapport au conseiller	1 day	Fri 3/26/21	Fri 3/26/21											
61		Correction rapport 3	4 days	Mon 3/29/21	Thu 4/1/21	60										
62		Dépôt par le conseiller sur web-projet de l'évaluation du rapport d'étape 3; ingénierie Détaillée	1 day	Fri 4/2/21	Fri 4/2/21	61										
63		Dépôt sur web-projet de la version corrigée du rapport d'étape #3	1 day	Fri 4/2/21	Fri 4/2/21	61										
64		Présentation	15 days	Fri 4/9/21	Thu 4/29/21											
65		Dépot sur web-projet du résumé de projet	1 day	Fri 4/9/21	Fri 4/9/21											
66		Présentations publiques des projets devant jury	4 days	Mon 4/12/21	Thu 4/15/21											
67		Rencontre du comité-aviseur – revue des évaluations de projets	1 day	Thu 4/29/21	Thu 4/29/21											

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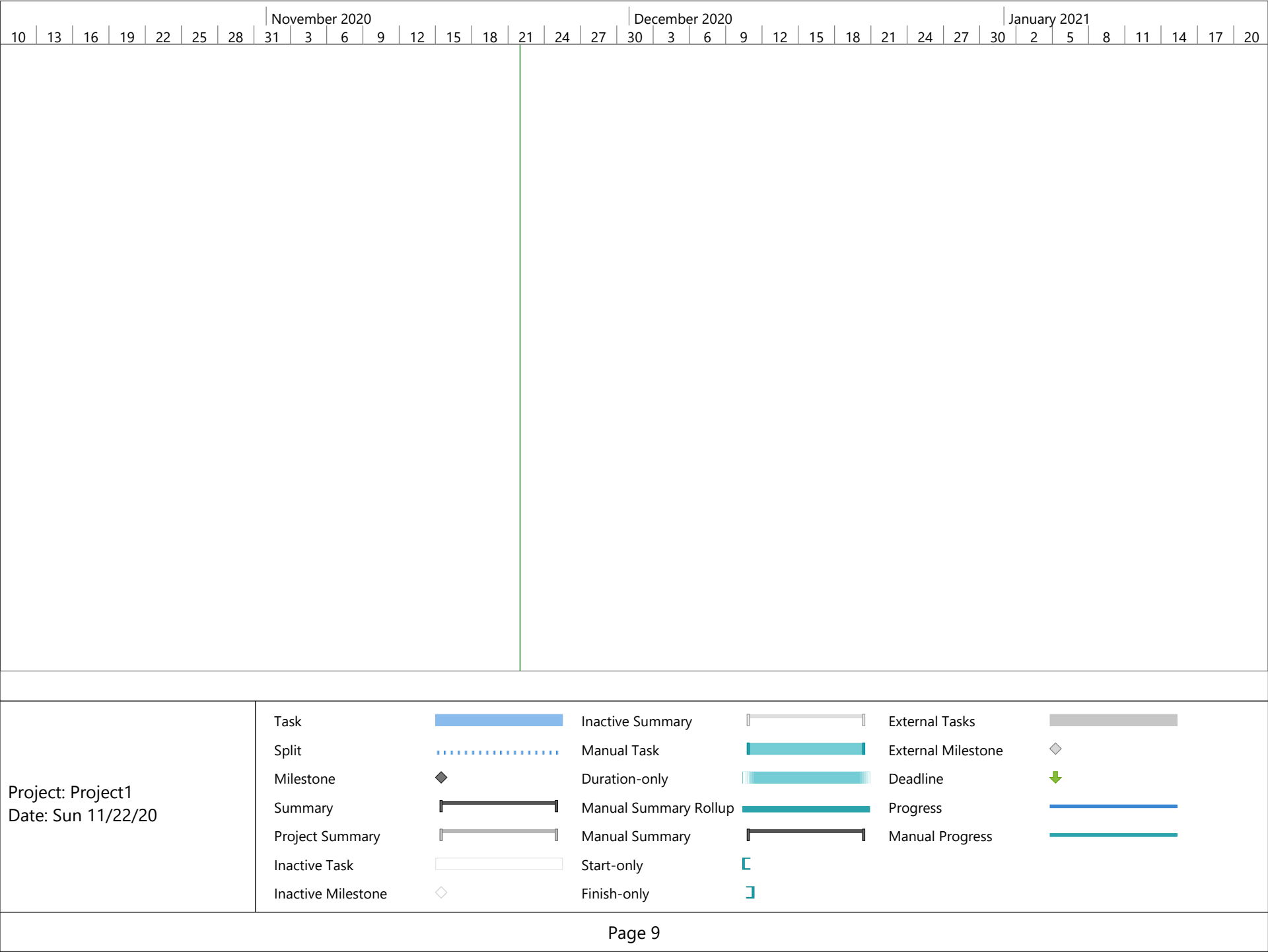
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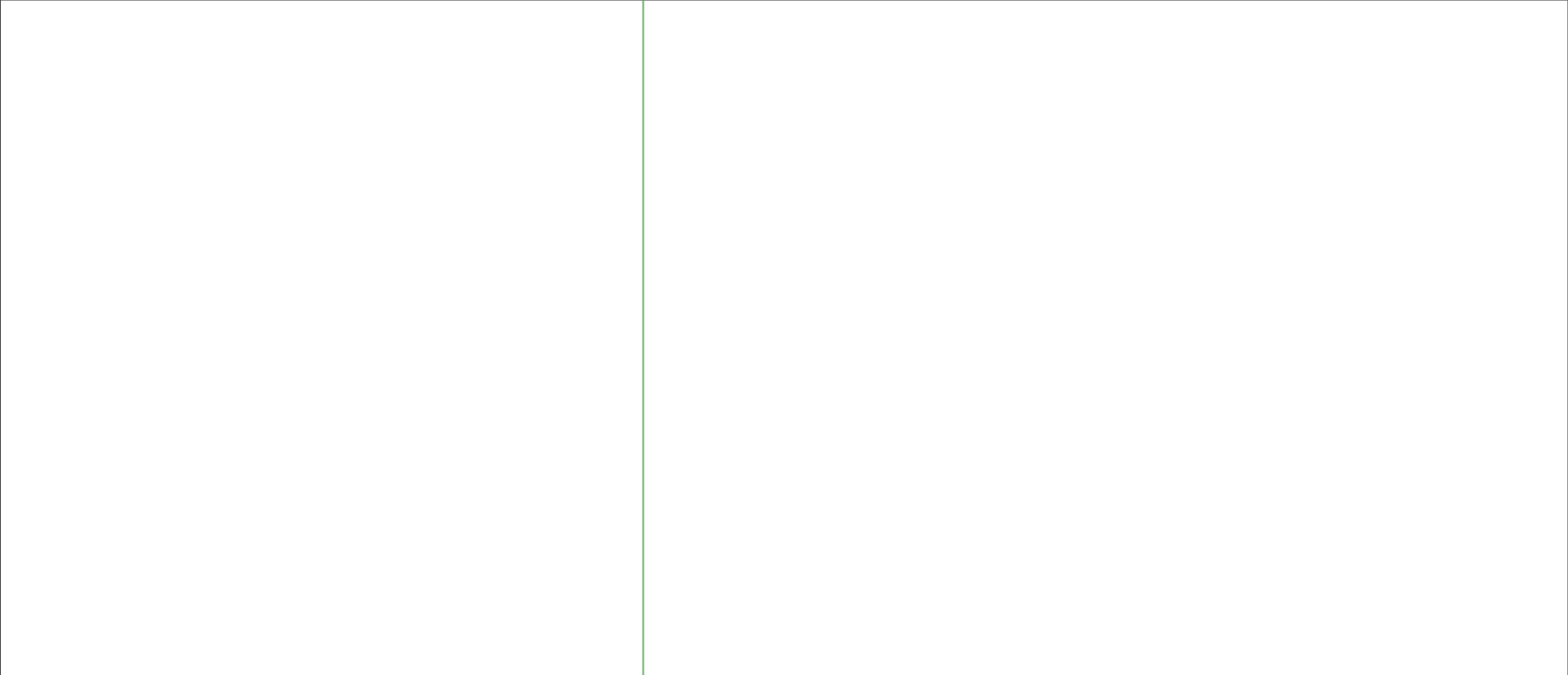


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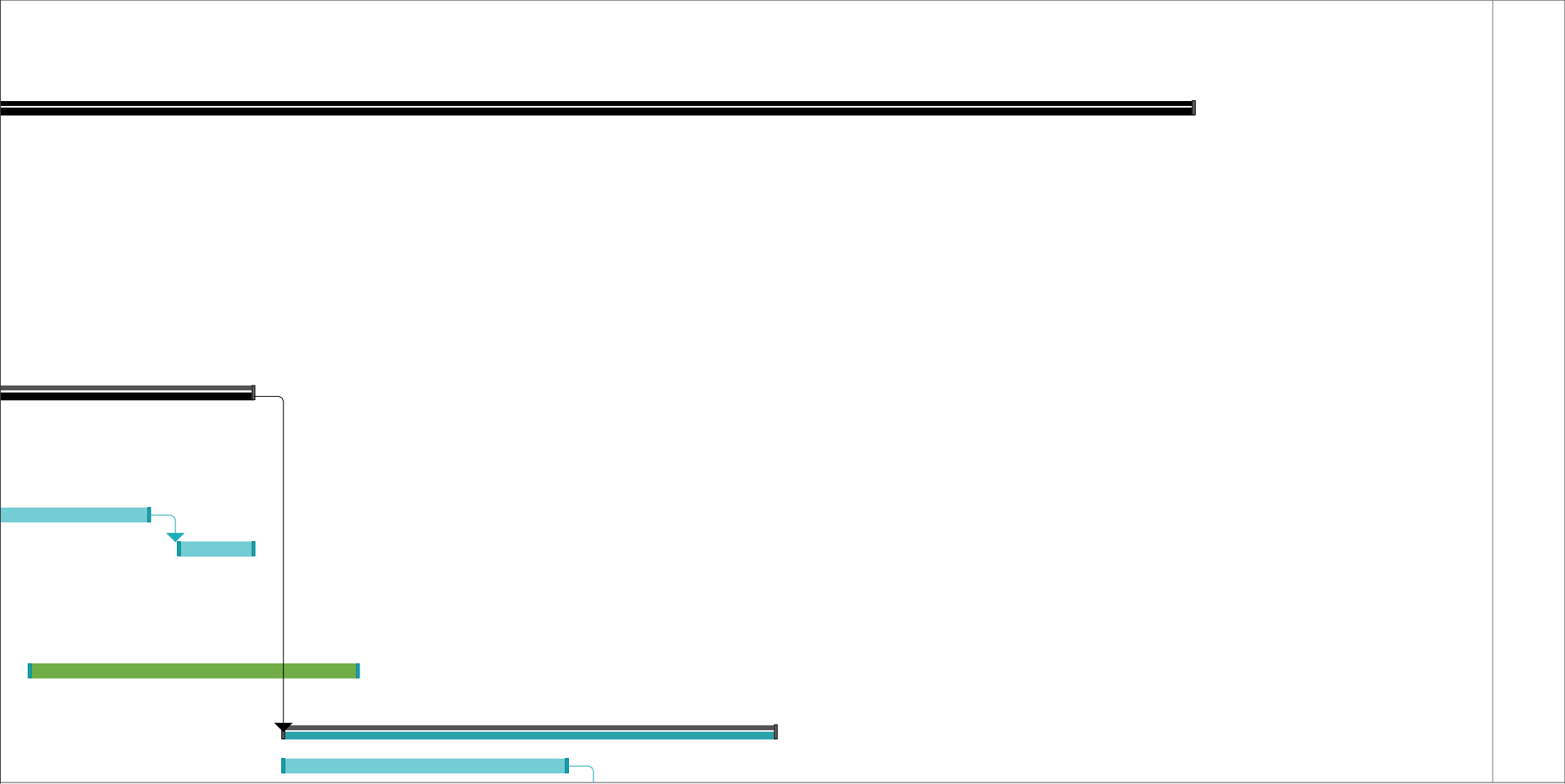
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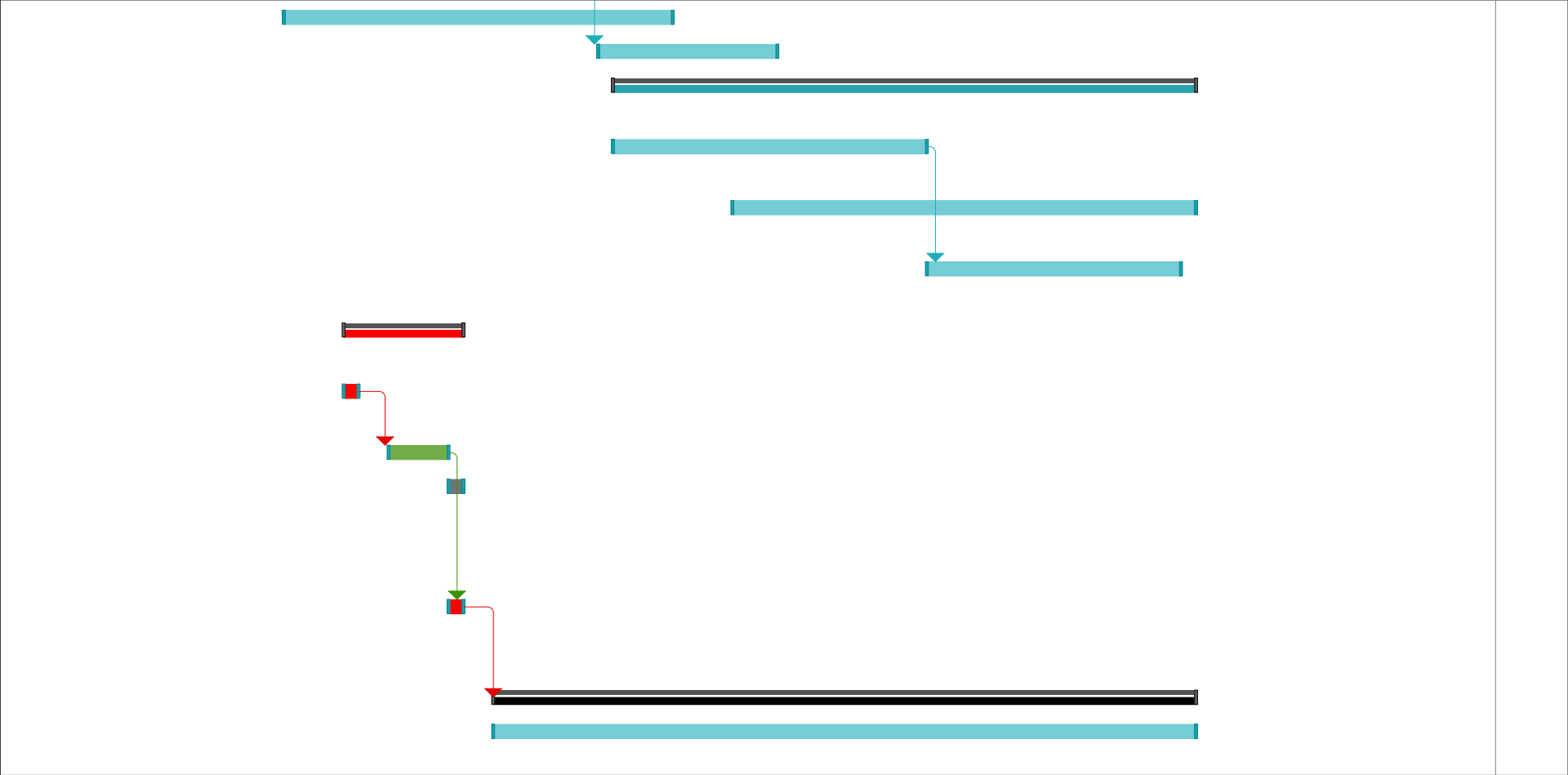
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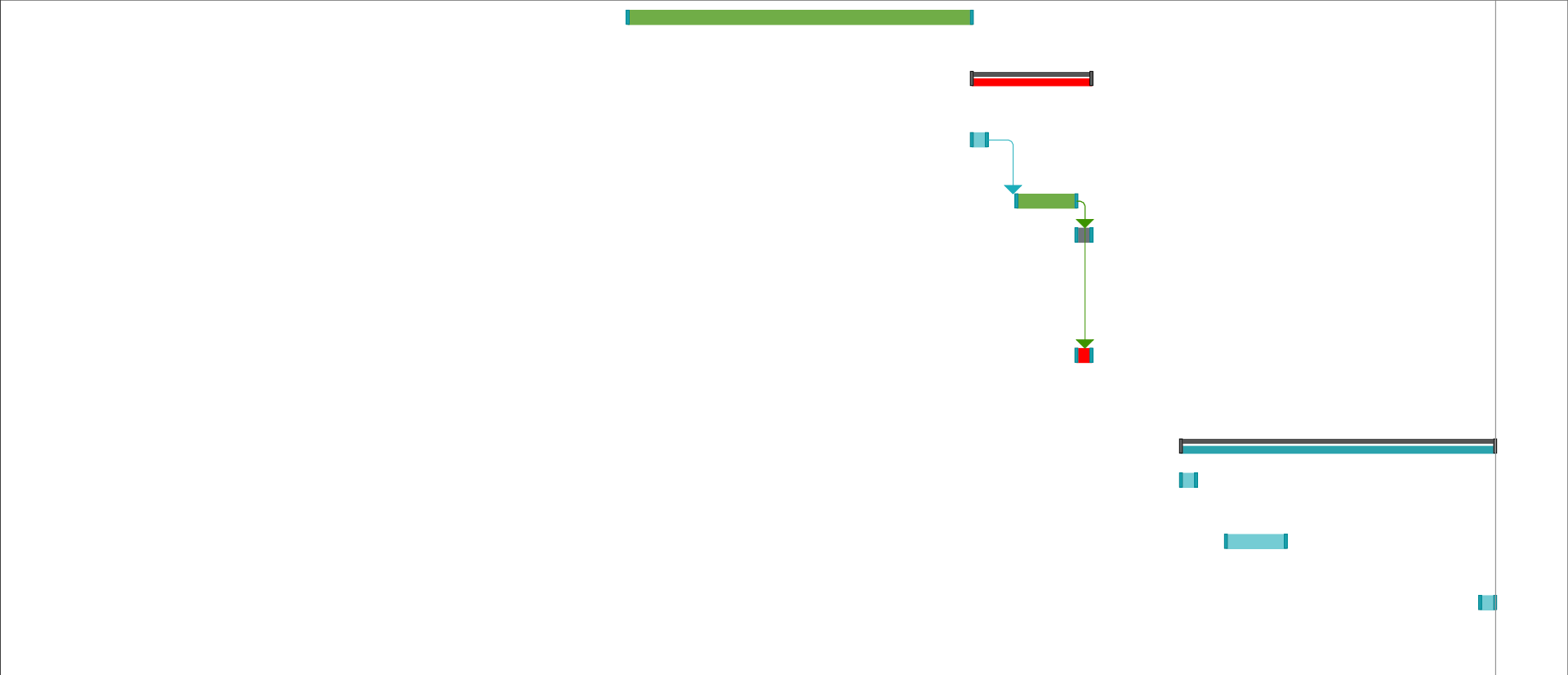
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