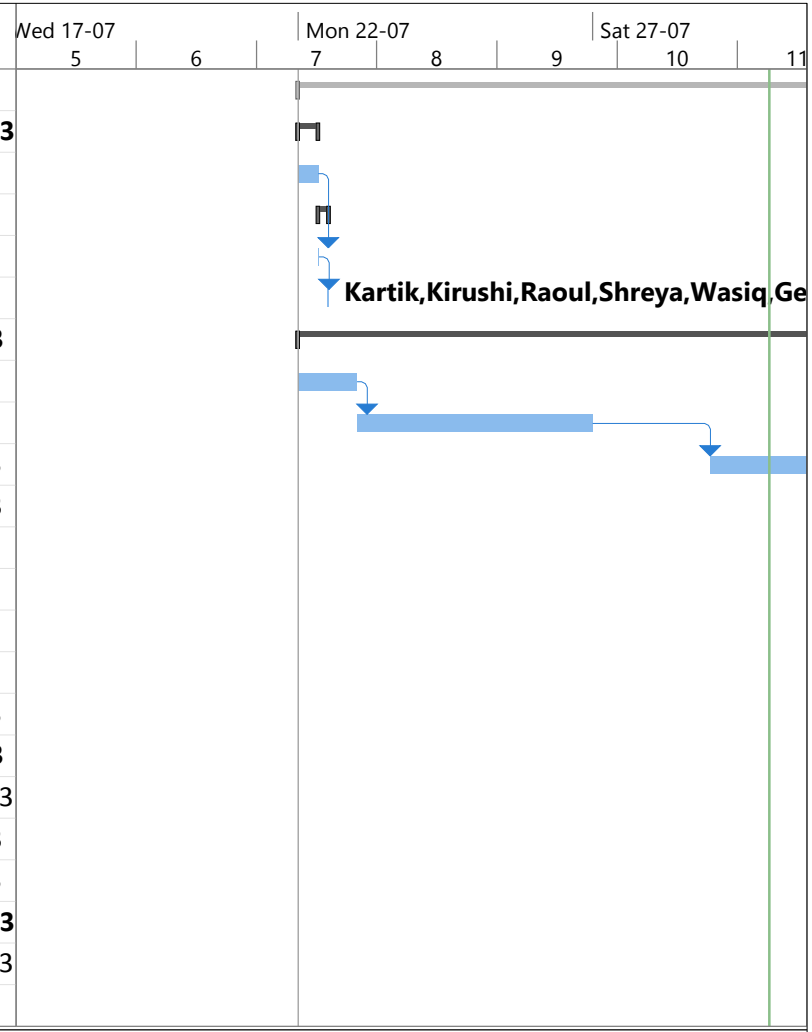
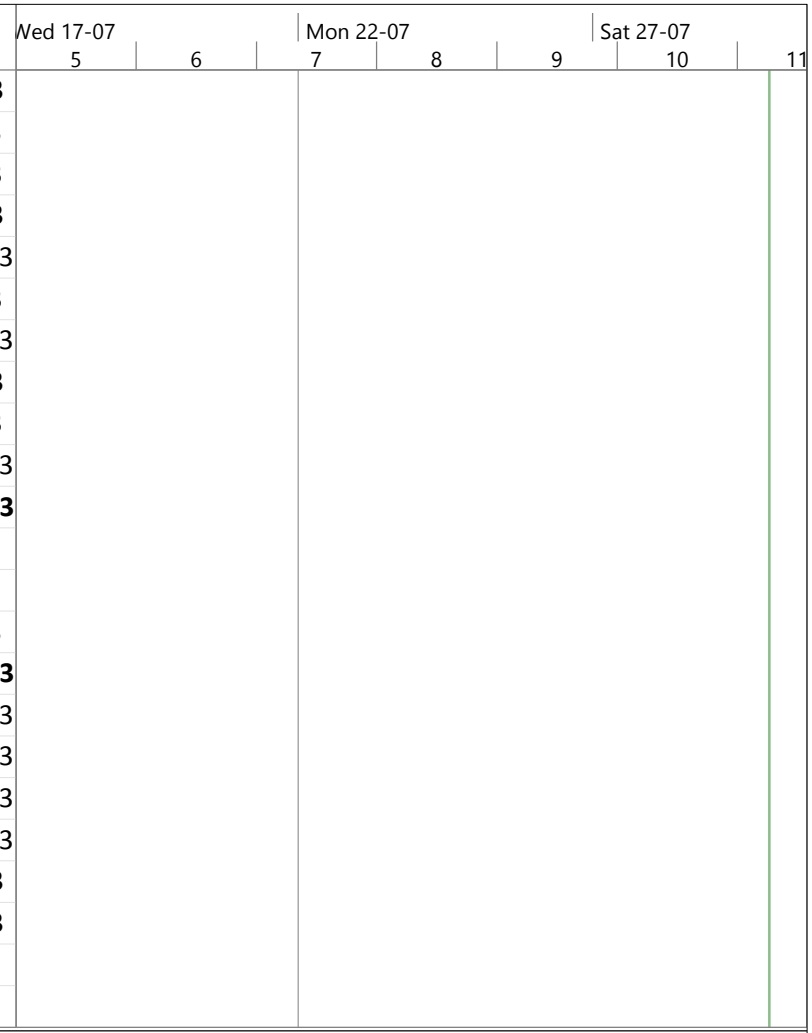
ID	WBS	Task Mode	Task Name	Duration	Start	Finish
0	**0**		**Software Development**	**28.5 days**	**Mon**	**Thu**
1	**1**		**Scope**	**0.03 days**	**Mon 22-07-13**	**Mon 22-07-13**
2	1.1		Determine project	0.25 hrs	Mon	Mon
3	**2**		**Analysis/Software**	**0.47 days**	**Mon**	**Mon**
4	2.1		Analyse initial brief	0.25 hrs	Mon	Mon
5	2.2		Produce software	0.5 hrs	Mon	Mon
6	**3**		**Pre Implementation**	**9 days**	**Mon**	**Thu 01-08-13**
7	3.1		Setup ROS	1 day	Mon	Mon
8	3.2		Learn ROS	4 days	Tue 23-07-13	Fri 26-07-13
9	3.3		Learn Swarm	2 days	Mon 29-07-13	Tue 30-07-13
10	3.4		Learn C++	2 days	Wed 31-07-13	Thu 01-08-13
11	**4**		**Design**	**0.5 days**	**Fri 02-08-13**	**Fri 02-08-13**
12	4.1		Discuss Design with	2 hrs	Fri 02-08-13	Fri 02-08-13
13	4.2		UML Diagram	2 hrs	Fri 02-08-13	Fri 02-08-13
14	**5**		**Alpha Development**	**6 days**	**Fri 02-08-13**	**Mon**
15	5.1		Sun	2 days	Fri 02-08-13	Tue 06-08-13
16	**5.2**		**Farmer**	**4 days**	**Fri 02-08-13**	**Thu 08-08-13**
17	5.2.1		Moves	3 days	Fri 02-08-13	Wed 07-08-13
18	5.2.2		Gets money	1 day	Wed	Thu 08-08-13
19	5.3		Water/Rainfall basic	2 days	Fri 02-08-13	Tue 06-08-13
20	**5.4**		**Sheep**	**6 days**	**Fri 02-08-13**	**Mon 12-08-13**
21	5.4.1		Moves	3 days	Fri 02-08-13	Wed 07-08-13
22	5.4.2		Senses Grass	3 days	Wed	Mon



Project: Software Development
Date: Tue 30-07-13

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	WBS	Task Mode	Task Name	Duration	Start	Finish
23	**5.5**		**Grass**	**4 days**	**Fri 02-08-13**	**Thu 08-08-13**
24	5.5.1		Growth	2 days	Fri 02-08-13	Tue 06-08-13
25	5.5.2		Death	2 days	Tue 06-08-13	Thu 08-08-13
26	**5.6**		**Farm**	**4 days**	**Fri 02-08-13**	**Thu 08-08-13**
27	5.6.1		Fields	1 day	Fri 02-08-13	Mon 05-08-13
28	5.6.2		Soil	3 days	Mon 05-08-13	Thu 08-08-13
29	5.7		Base Robot	1 day	Fri 02-08-13	Mon 05-08-13
30	**6**		**Final Demo**	**3 days**	**Mon**	**Thu 15-08-13**
31	6.1		Rainfall advanced	3 days	Mon	Thu 15-08-13
32	6.2		Truck	2 days	Mon 12-08-13	Wed 14-08-13
33	**6.3**		**Farmer**	**2 days**	**Mon 12-08-13**	**Wed 14-08-13**
34	6.3.1		Herdes sheep	2 days	Mon	Wed
35	6.3.2		Moves Sheep	2 days	Mon	Wed
36	6.3.3		Sells Sheep	1 day?	Mon	Tue 13-08-13
37	**6.4**		**Sheep**	**2 days**	**Mon 12-08-13**	**Wed 14-08-13**
38	6.4.1		Eats grass	2 days	Mon 12-08-13	Wed 14-08-13
39	6.4.2		Excretes	2 days	Mon 12-08-13	Wed 14-08-13
40	6.4.3		Gets ill	2 days	Mon 12-08-13	Wed 14-08-13
41	6.4.4		Recovers	2 days	Mon 12-08-13	Wed 14-08-13
42	**7**		**Testing**	**10 days**	**Thu 15-08-13**	**Thu 29-08-13**
43	**7.1**		**Unit Testing**	**5 days**	**Thu 15-08-13**	**Thu 22-08-13**
44	7.1.1		Develop unit test	1 day	Thu 15-08-13	Fri 16-08-13
45	7.1.2		Test component	0.5 days	Fri 16-08-13	Fri 16-08-13



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

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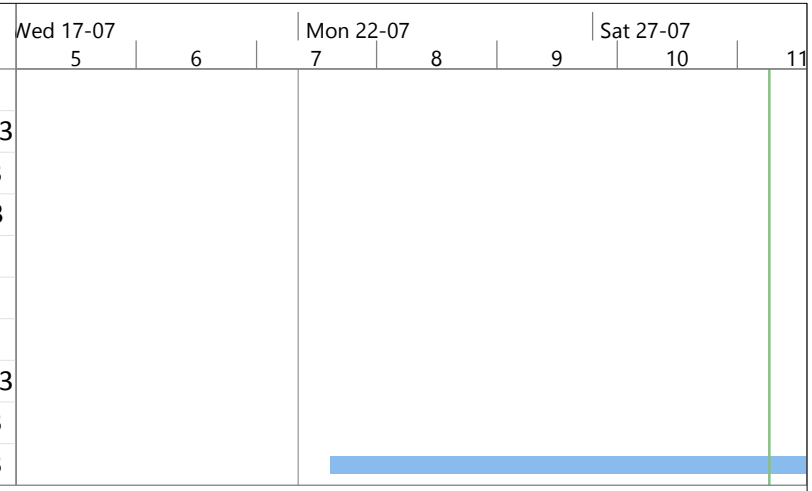
46	7.1.3		Identify anomalies	0.5 days	Mon	Mon
47	7.1.4		Modify code	2 days	Mon 19-08-13	Wed 21-08-13
48	7.1.5		Re-test modified	1 day	Wed	Thu 22-08-13
49	**7.2**		**Integration Testing**	**5 days**	**Thu 22-08-13**	**Thu 29-08-13**
50	7.2.1		Develop	1 day	Thu 22-08-13	Fri 23-08-13
51	7.2.2		Test module	0.5 days	Fri 23-08-13	Fri 23-08-13
52	7.2.3		Identify anomalies	0.5 days	Mon	Mon
53	7.2.4		Modify code	2 days	Mon 26-08-13	Wed 28-08-13
54	7.2.5		Re-test modified	1 day	Wed	Thu 29-08-13
55	8		Documentation	28 days	Mon 22-07-13	Thu 29-08-13



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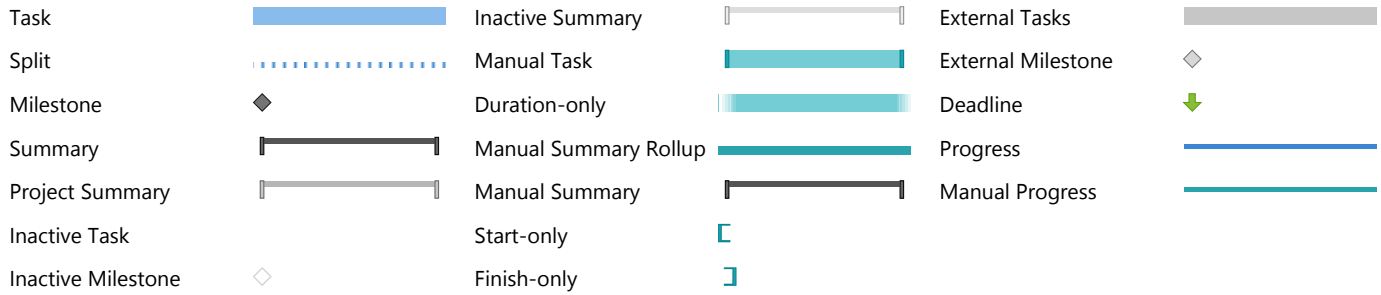

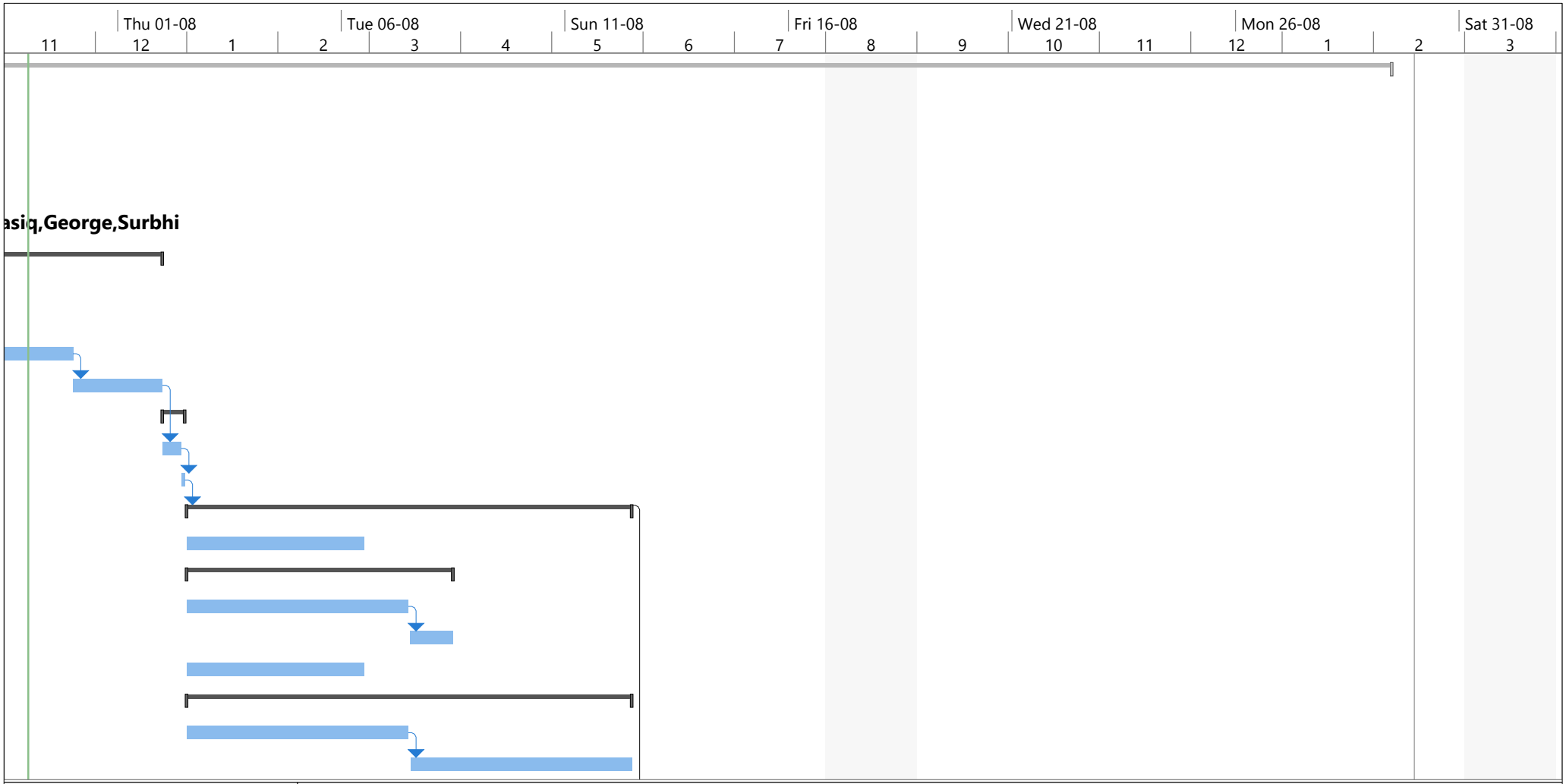

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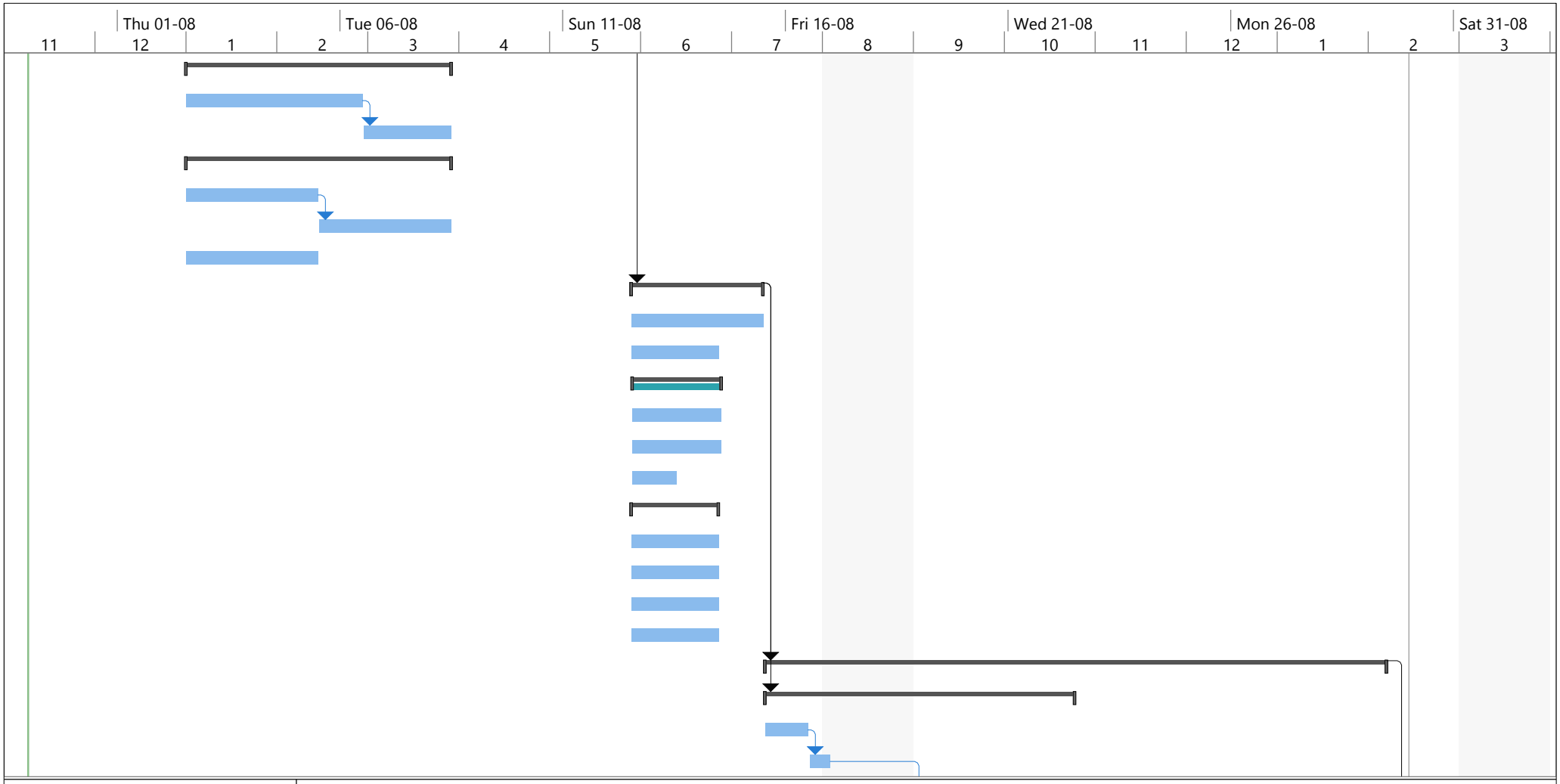

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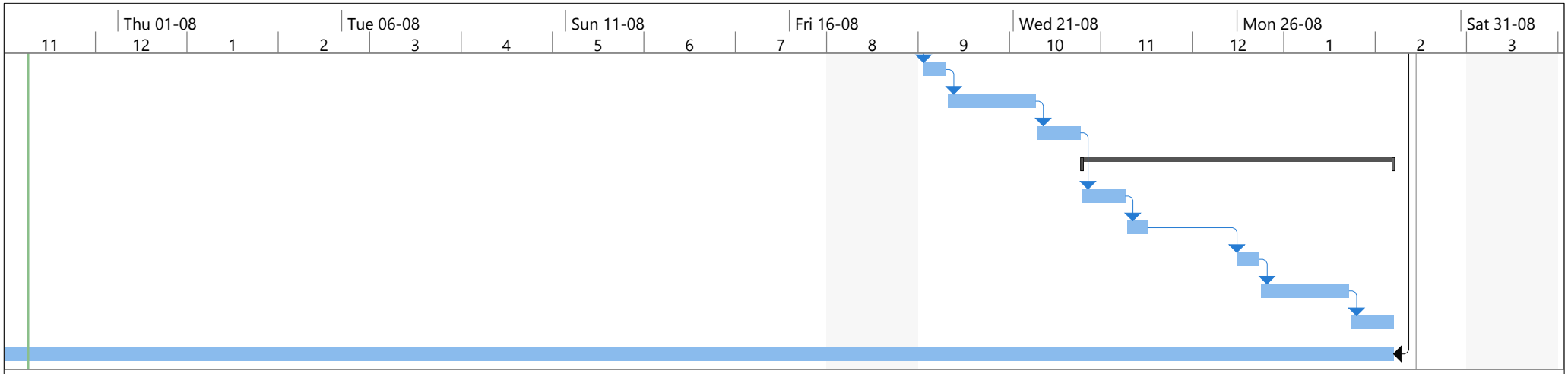

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