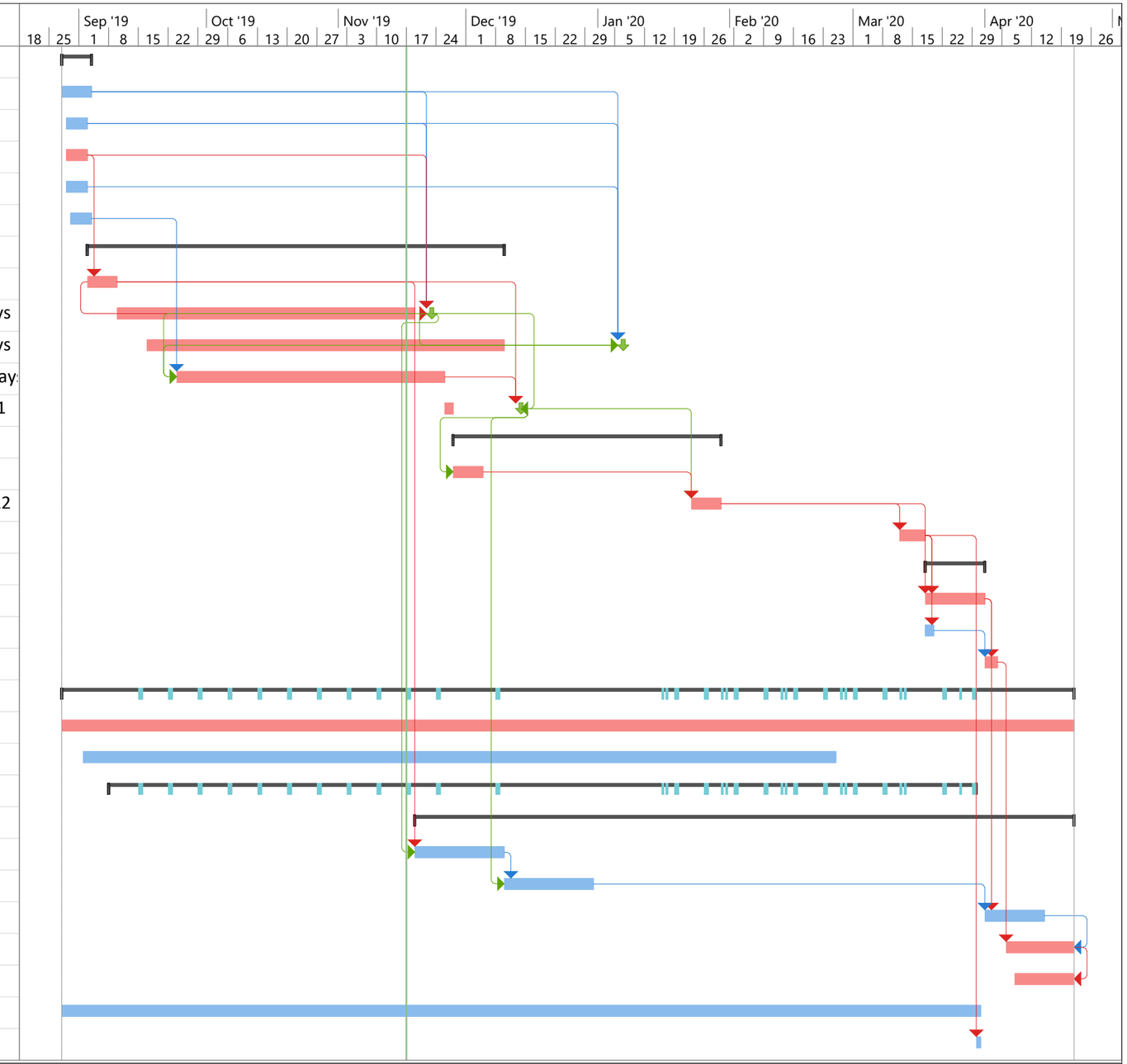
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
1		**Task 1: Research**	**5 days**	**Wed 8/28/19**	**Tue 9/3/19**	
2		1.1 Analysis Methods	5 days	Wed 8/28/19	Tue 9/3/19	
3		1.2 RISA 3D	3 days	Thu 8/29/19	Mon 9/2/19	
4		1.3 Bridge Types	3 days	Thu 8/29/19	Mon 9/2/19	
5		1.4 Connections	3 days	Thu 8/29/19	Mon 9/2/19	
6		1.5 Materials	3 days	Fri 8/30/19	Tue 9/3/19	
7		**Task 2: Design and Analysis**	**70 days**	**Tue 9/3/19**	**Mon 12/9/19**	
8		2.1 Bridge Type	5 days	Tue 9/3/19	Mon 9/9/19	4
9		2.2 Member Analysis	50 days	Tue 9/10/19	Mon 11/18/1	2,3,4,8SS+5 days
10		2.3 Connection Design	60 days	Tue 9/17/19	Mon 12/9/19	2,3,5,9SS+5 days
11		2.4 Material Analysis	45 days	Tue 9/24/19	Mon 11/25/1	6,9SS,10SS+5 day
12		3.1 Shop Drawings	2 days	Tue 11/26/19	Wed 11/27/1	8,9FF+5 days,11
13		**Task 4: Fabrication Management**	**45 days**	**Thu 11/28/19**	**Wed 1/29/20**	
14		4.1 K-Zell	5 days	Thu 11/28/19	Wed 12/4/19	12
15		4.2 Mingus Welding	5 days	Thu 1/23/20	Wed 1/29/20	14FS+35 days,12
16		5.1 Final Product Improvement	4 days	Thu 3/12/20	Tue 3/17/20	15FS+30 days
17		**Task 6: Competition Preparation**	**10 days**	**Wed 3/18/20**	**Tue 3/31/20**	
18		6.1 Construction Practice	10 days	Wed 3/18/20	Tue 3/31/20	16,15
19		6.2 Poster and Display	2 days	Wed 3/18/20	Thu 3/19/20	16
20		Task 7: AISC Competition	3 days	Wed 4/1/20	Fri 4/3/20	18,19
21		**Task 8: Project Management**	**170 days**	**Wed 8/28/19**	**Tue 4/21/20**	
22		8.1 Schedule	170 days	Wed 8/28/19	Tue 4/21/20	
23		8.2 Sponsor Communication	127 days	Mon 9/2/19	Tue 2/25/20	
24		**8.3 Meetings**	**145 days**	**Sun 9/8/19**	**Sun 3/29/20**	
63		**8.4 Deliverables**	**111 days**	**Tue 11/19/19**	**Tue 4/21/20**	
64		8.4.1 30% Deliverables	15 days	Tue 11/19/19	Mon 12/9/19	8,9
65		8.4.2 60% Deliverables	15 days	Tue 12/10/19	Mon 12/30/1	12,64
66		8.4.3 90% Deliverables	10 days	Wed 4/1/20	Tue 4/14/20	18,65
67		8.4.4 Final Deliverables	12 days	Mon 4/6/20	Tue 4/21/20	66FF,20
68		8.4.5 Website	10 days	Wed 4/8/20	Tue 4/21/20	67FF
69		8.5 Fundraising	154 days	Wed 8/28/19	Mon 3/30/20	
70		Task 9: Impacts	1 day	Mon 3/30/20	Mon 3/30/20	16FS+8 days



Project: Capstone Gantt Chart
Date: Sun 11/17/19

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