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1		Product development process	7 days	Mon 10/9/17	Tue 10/17/17						
2		Develop practicum project ideas	1 day	Mon 10/9/17	Mon 10/9/17						
3		Setup Wiki for the pacticum project	1 day	Thu 10/12/17	Thu 10/12/17						
4		Complete preliminary system design	1 day	Tue 10/17/17	Tue 10/17/17						
5		Develop project proposal	2 days	Fri 10/13/17	Mon 10/16/17						
6		Research project background	1 day	Fri 10/13/17	Fri 10/13/17						
7		Write draft of project background/proposal	1 day	Fri 10/13/17	Fri 10/13/17						
8		Review draft of project background/proposal	1 day	Sat 10/14/17	Sat 10/14/17						
9		Revise draft of project background/proposal	2 days	Sat 10/14/17	Mon 10/16/17						
10		Review revised project background/proposal	1 day	Mon 10/16/17	Mon 10/16/17						
11		Approve project background/proposal	1 day	Mon 10/16/17	Mon 10/16/17						
12		Develop project requirements document	2 days	Mon 10/16/17	Tue 10/17/17						
13		Write draft of engineering requirements	1 day	Mon 10/16/17	Mon 10/16/17						
14		Write draft of marketing requirments	1 day	Mon 10/16/17	Mon 10/16/17						
15		Revise engineering requirements	1 day	Mon 10/16/17	Mon 10/16/17						
16		Revise marketing requirements	1 day	Mon 10/16/17	Mon 10/16/17						
17		Link engineering and marketing requirements	1 day	Tue 10/17/17	Tue 10/17/17						
18		Approve project requirements document	1 day	Tue 10/17/17	Tue 10/17/17						
19		Complete preliminary schematic	4 days	Sun 10/22/17	Wed 10/25/17	1					
20		Determine what needs to be included on fabricated board	3 days	Sun 10/22/17	Tue 10/24/17						
21		Create the preliminary schematic	1 day	Tue 10/24/17	Tue 10/24/17						
22		Review preliminary schematic	1 day	Wed 10/25/17	Wed 10/25/17						



















Project: Project Calendar
Date: Fri 11/10/17

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























ID		Task Name	Duration	Start	Finish	Predecessors	Oct 8, '17	S	M	T	W
23		Approve preliminary schematic	1 day	Wed 10/25/17	Wed 10/25/17						
24		Complete final schematic	2 days	Fri 10/27/17	Sun 10/29/17	19					
25		Design test points and indicator lights	1 day	Fri 10/27/17	Fri 10/27/17						
26		Create final schematic	1 day	Fri 10/27/17	Fri 10/27/17						
27		Review final schematic	1 day	Sun 10/29/17	Sun 10/29/17						
28		Approve final schematic	1 day	Sun 10/29/17	Sun 10/29/17						
29		Complete design layout	4 days	Wed 11/1/17	Sat 11/4/17	24					
30		Create priliminary layout	1 day	Wed 11/1/17	Wed 11/1/17						
31		Review priliminary layout	1 day	Wed 11/1/17	Wed 11/1/17						
32		Create final layout	2 days	Thu 11/2/17	Fri 11/3/17						
33		Review final layout	1 day	Fri 11/3/17	Fri 11/3/17						
34		Revise final layout	1 day	Sat 11/4/17	Sat 11/4/17						
35		Approve final layout	1 day	Sat 11/4/17	Sat 11/4/17						
36		Develop detailed system design	2 days	Fri 11/3/17	Sat 11/4/17						
37		Draw high level block diagram	1 day	Fri 11/3/17	Fri 11/3/17						
38		Review high level block diagram	1 day	Fri 11/3/17	Fri 11/3/17						
39		Draw next-level block diagram	1 day	Fri 11/3/17	Fri 11/3/17						
40		Review next-level block diagram	1 day	Fri 11/3/17	Fri 11/3/17						
41		Create top-level block diagram of each module in next-level block diagram	1 day	Sat 11/4/17	Sat 11/4/17						
42		Review top-level block diagram	1 day	Sat 11/4/17	Sat 11/4/17						
43		Revise the detailed system design	1 day	Sat 11/4/17	Sat 11/4/17						
44		Approve detailed systrm design	1 day	Sat 11/4/17	Sat 11/4/17						

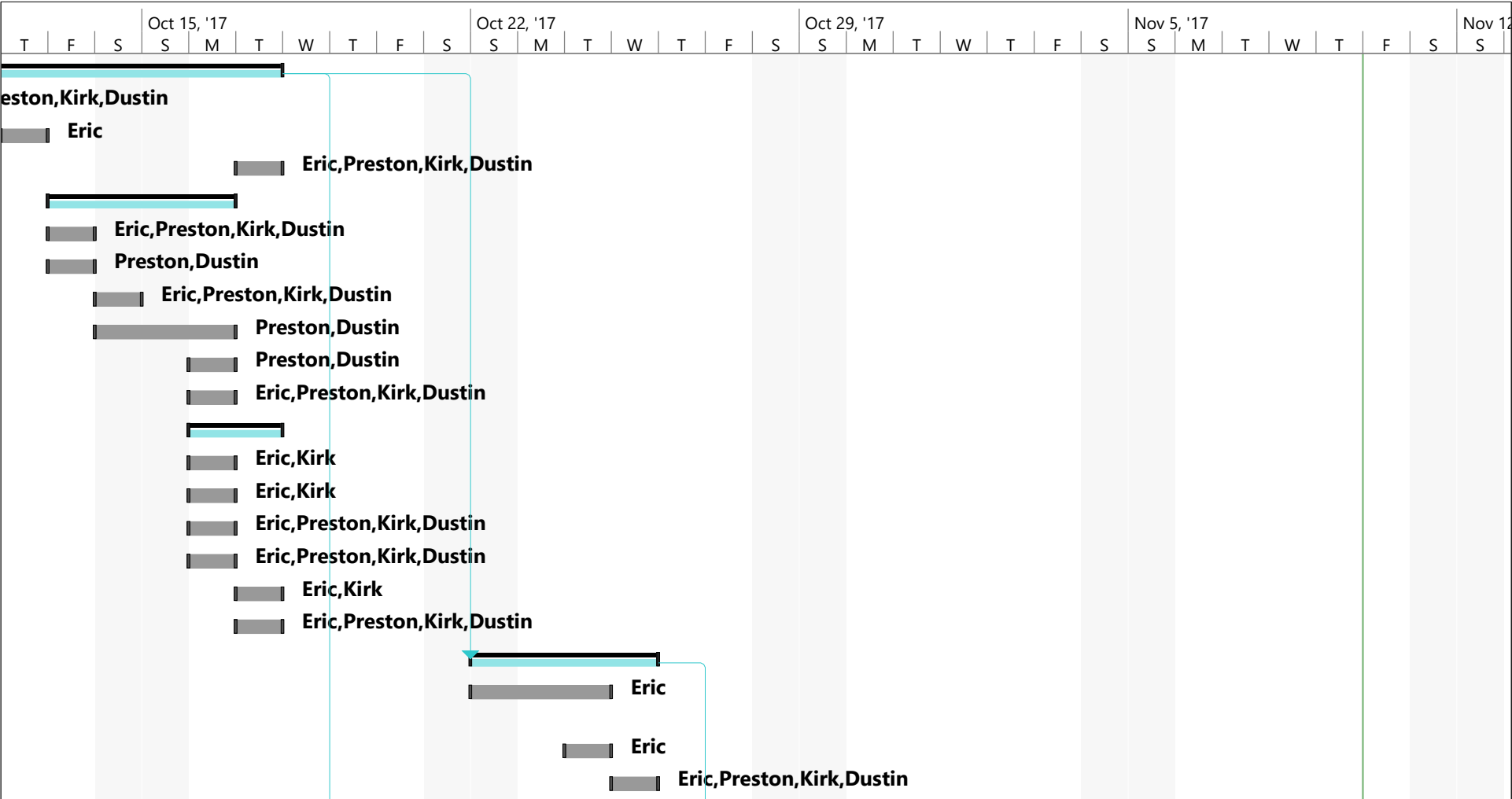
Project: Project Calendar
Date: Fri 11/10/17

Task		Manual Task		Deadline	
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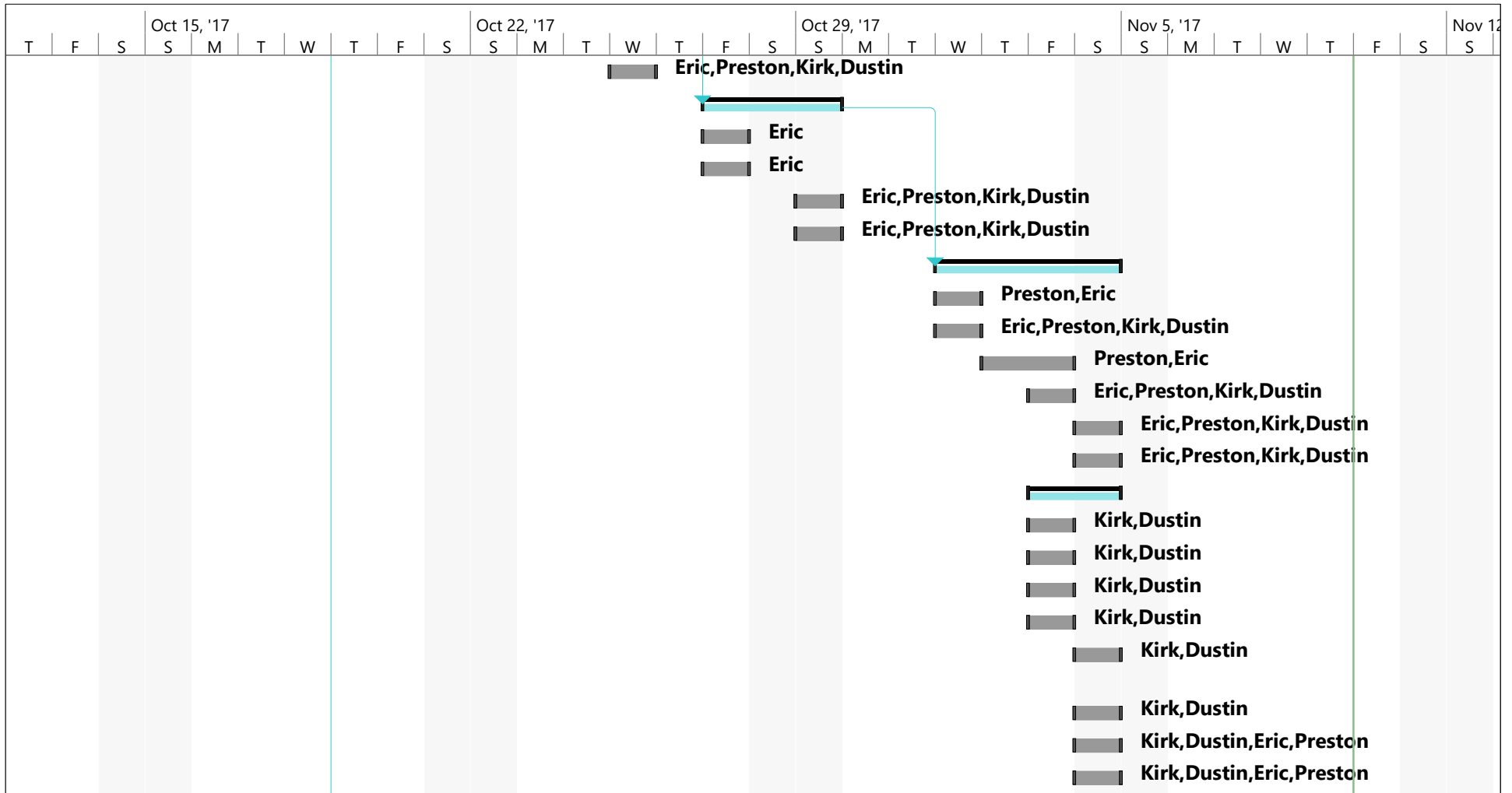
ID		Task Name	Duration	Start	Finish	Predecessors	Oct 8, '17	S	M	T	W
45		Test/Debug practicum project	3 days	Wed 11/29/17	Fri 12/1/17	75					
46		Create detailed test case	1 day	Wed 11/29/17	Wed 11/29/17						
47		Complete design measurements	1 day	Wed 11/29/17	Wed 11/29/17						
48		Measure the heads-up display	1 day	Wed 11/29/17	Wed 11/29/17						
49		Measure the PCB against specifications	1 day	Wed 11/29/17	Wed 11/29/17						
50		Weigh the final design against specifications	1 day	Wed 11/29/17	Wed 11/29/17						
51		Test refresh rate and heads-up display for functionability	1 day	Fri 12/1/17	Fri 12/1/17						
52		Test device over a range of temperatures	1 day	Fri 12/1/17	Fri 12/1/17						
53		Test battery capacity for 2 hours	1 day	Fri 12/1/17	Fri 12/1/17						
54		Test thermal imaging between range of 1ft to 20ft	1 day	Fri 12/1/17	Fri 12/1/17						
55		Present practicum project	2 days	Sat 12/2/17	Sun 12/3/17	45					
56		Develop fully working prototype	1 day	Sat 12/2/17	Sat 12/2/17						
57		Develop a power point presentation	2 days	Sat 12/2/17	Sun 12/3/17						
58		Practice presentation	1 day	Sun 12/3/17	Sun 12/3/17						
59		AVR programming	2 days	Fri 11/3/17	Sat 11/4/17						
60		Coding through Arduino controller	2 days	Fri 11/3/17	Sat 11/4/17						
61		Coding with the circuit	1 day	Sat 11/4/17	Sat 11/4/17						
62		Build ISPC using QTFP adapter	1 day	Sat 11/4/17	Sat 11/4/17						
63		Design battery supply	2 days	Tue 10/24/17	Wed 10/25/17						
64		Determine type of power supply to use	1 day	Tue 10/24/17	Tue 10/24/17						
65		Develop protections	1 day	Tue 10/24/17	Tue 10/24/17						
66		Implement the design in the circuit	2 days	Tue 10/24/17	Wed 10/25/17						

Project: Project Calendar
Date: Fri 11/10/17

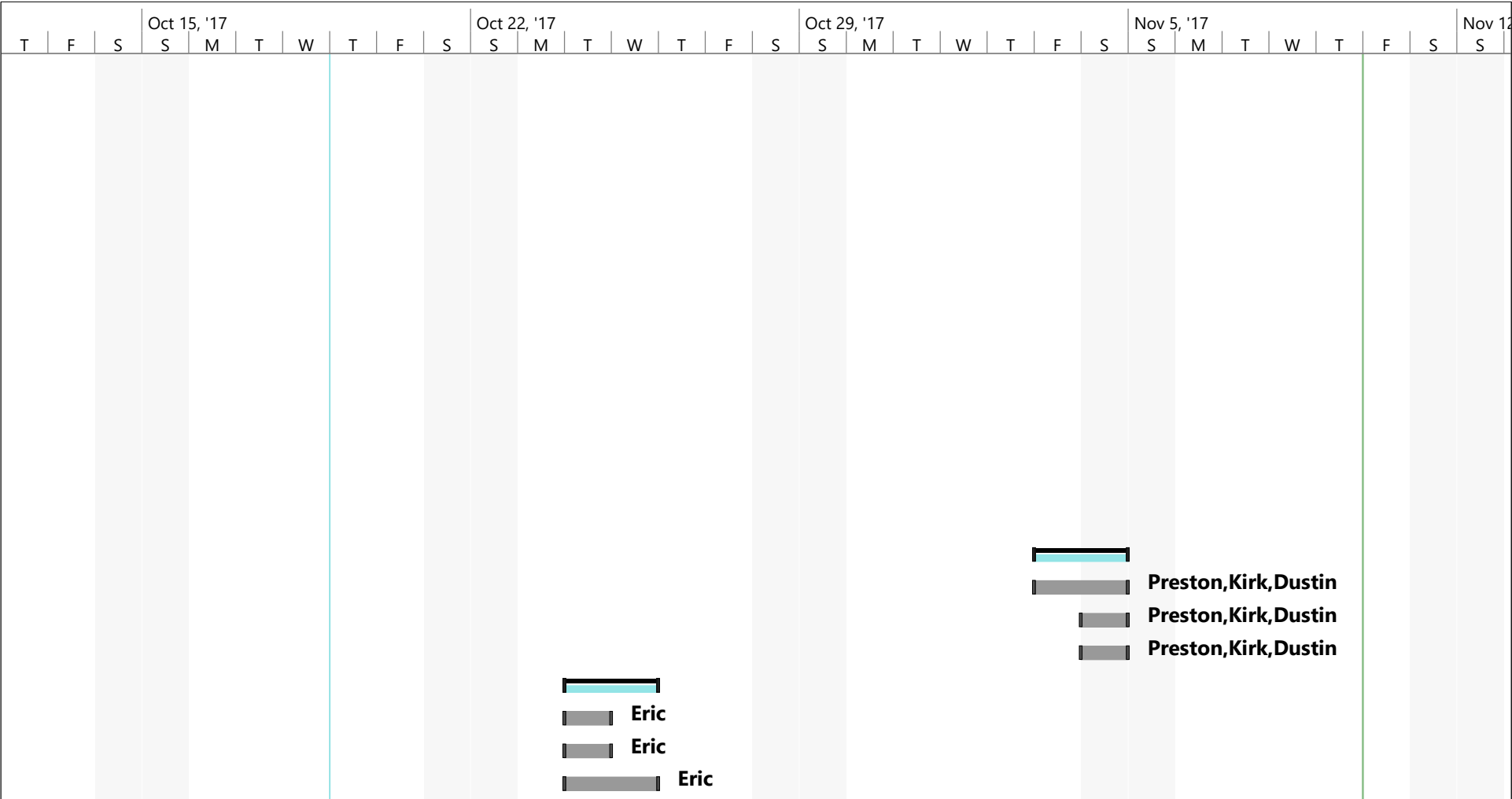
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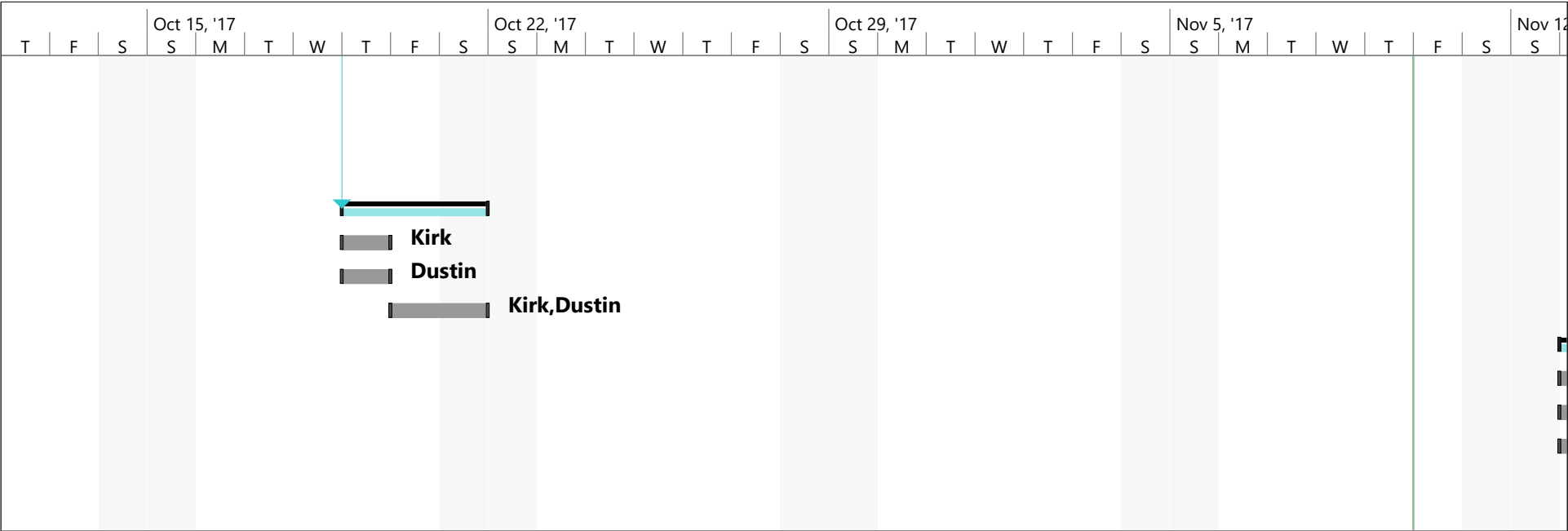
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Project: Project Calendar

Date: Fri 11/10/17

Task

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Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Baseline

Baseline Milestone

Baseline Summary

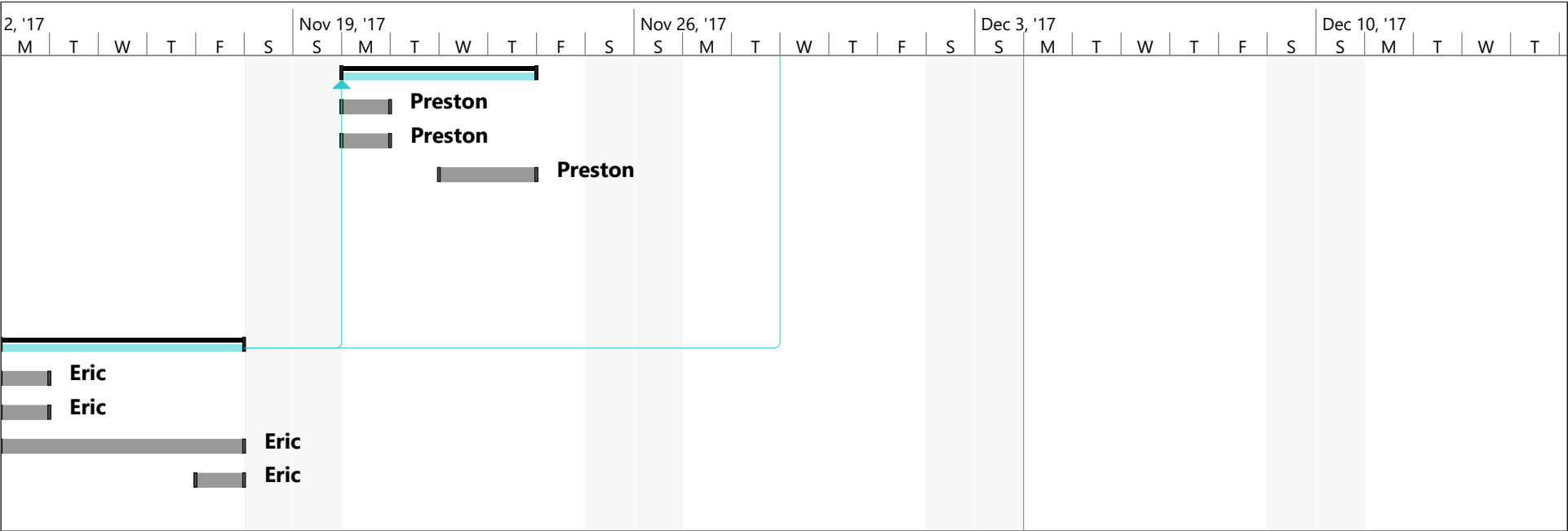
Progress

Manual Progress

Page 9



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