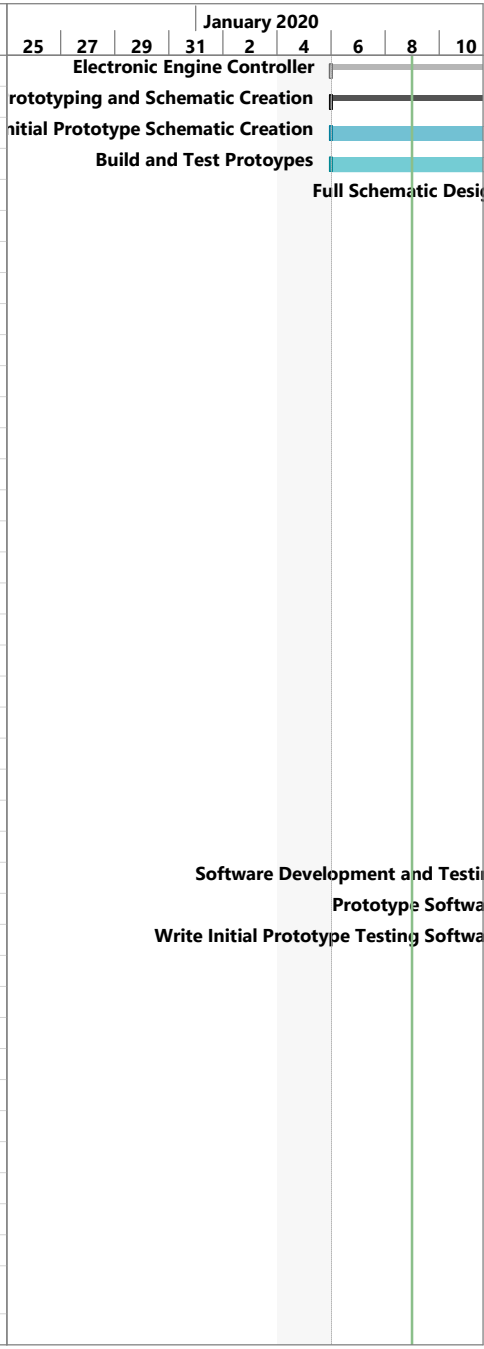
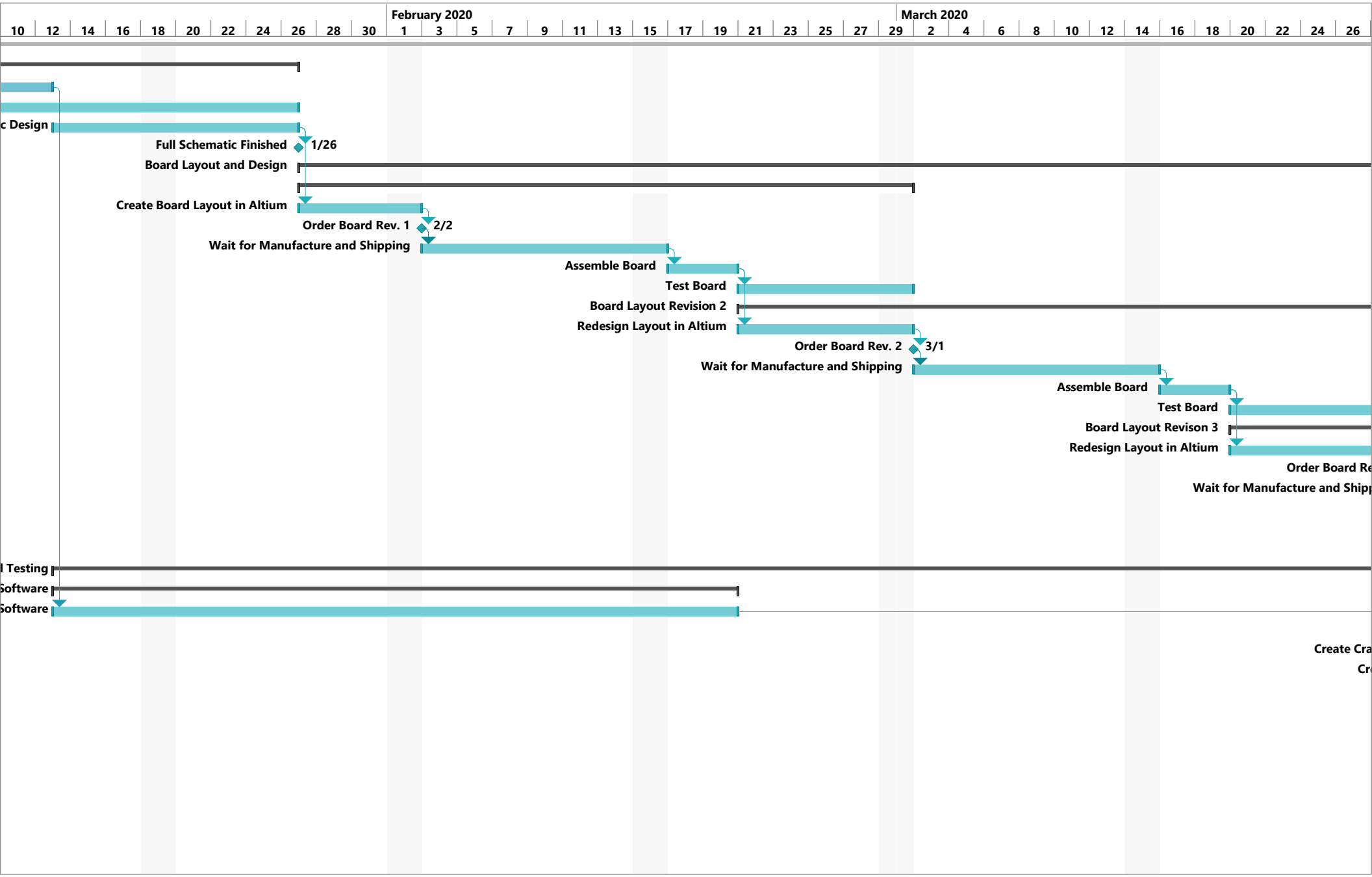
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
0		Electronic Engine Controller	110 days	Mon 1/6/20	Mon 6/8/20		
1		Prototyping and Schematic Creation	15 days	Mon 1/6/20	Mon 1/27/20		
2		Initial Prototype Schematic Creation	6 days	Mon 1/6/20	Sun 1/12/20		
3		Build and Test Protoypes	16 days	Mon 1/6/20	Sun 1/26/20		
4		Full Schematic Design	11 days	Mon 1/13/20	Sun 1/26/20		
5		Full Schematic Finished	0 days	Mon 1/27/20	Mon 1/27/20	4	
6		Board Layout and Design	65 days	Mon 1/27/20	Mon 4/27/20		
7		Board Layout Revision 1	26 days	Mon 1/27/20	Sun 3/1/20		
8		Create Board Layout in Altium	6 days	Mon 1/27/20	Sun 2/2/20	4	
9		Order Board Rev. 1	0 days	Mon 2/3/20	Mon 2/3/20	8	
10		Wait for Manufacture and Shipping	11 days	Mon 2/3/20	Sun 2/16/20	9	
11		Assemble Board	4 days	Mon 2/17/20	Thu 2/20/20	10	
12		Test Board	7 days	Fri 2/21/20	Sun 3/1/20	11	
13		Board Layout Revision 2	26 days	Fri 2/21/20	Sun 3/29/20		
14		Redesign Layout in Altium	7 days	Fri 2/21/20	Sun 3/1/20	11	
15		Order Board Rev. 2	0 days	Mon 3/2/20	Mon 3/2/20	14	
16		Wait for Manufacture and Shipping	11 days	Mon 3/2/20	Sun 3/15/20	15	
17		Assemble Board	4 days	Mon 3/16/20	Thu 3/19/20	16	
18		Test Board	7 days	Fri 3/20/20	Sun 3/29/20	17	
19		Board Layout Revison 3	26 days	Fri 3/20/20	Mon 4/27/20		
20		Redesign Layout in Altium	7 days	Fri 3/20/20	Sun 3/29/20	17	
21		Order Board Rev. 3	0 days	Mon 3/30/20	Mon 3/30/20	20	
22		Wait for Manufacture and Shipping	11 days	Mon 3/30/20	Sun 4/12/20	21	
23		Assemble Board	4 days	Mon 4/13/20	Thu 4/16/20	22	
24		Test Board	7 days	Fri 4/17/20	Sun 4/26/20	23	
25		Hardware Design Finalized	0 days	Mon 4/27/20	Mon 4/27/20		
26		Software Development and Testing	105 days	Mon 1/13/20	Mon 6/8/20		
27		Prototype Software	29 days	Mon 1/13/20	Thu 2/20/20		
28		Write Initial Prototype Testing Software	29 days	Mon 1/13/20	Thu 2/20/20	2	
29		Software	45 days	Mon 4/6/20	Mon 6/8/20		
30		Create Crank Angle Sensing Module	6 days	Mon 4/6/20	Sun 4/12/20	28	
31		Create Software for TPS, Air Flow, and O2 Sensors	6 days	Mon 4/13/20	Sun 4/19/20	30	
32		Write Software for Controlling Fuel	6 days	Mon 4/20/20	Sun 4/26/20	31	
33		Write Software for Controlling Ignition	6 days	Mon 4/27/20	Sun 5/3/20	32	
34		Implement Startup, Idle Control, and General I/O	6 days	Mon 5/4/20	Sun 5/10/20	33	
35		Integreate PC Tuning Software and Logging	6 days	Mon 5/11/20	Sun 5/17/20	34	
36		Integrate Software Modules	6 days	Mon 5/18/20	Sun 5/24/20	35	
37		Test and Debug	6 days	Mon 5/25/20	Sun 5/31/20	36	
38		Software Devolopment Complete	0 days	Mon 6/1/20	Mon 6/1/20	37	
39		Create Demonstration Hardware and Project Documentation	6 days	Mon 6/1/20	Sun 6/7/20	38	
40		Demonstrate Project	0 days	Mon 6/8/20	Mon 6/8/20		

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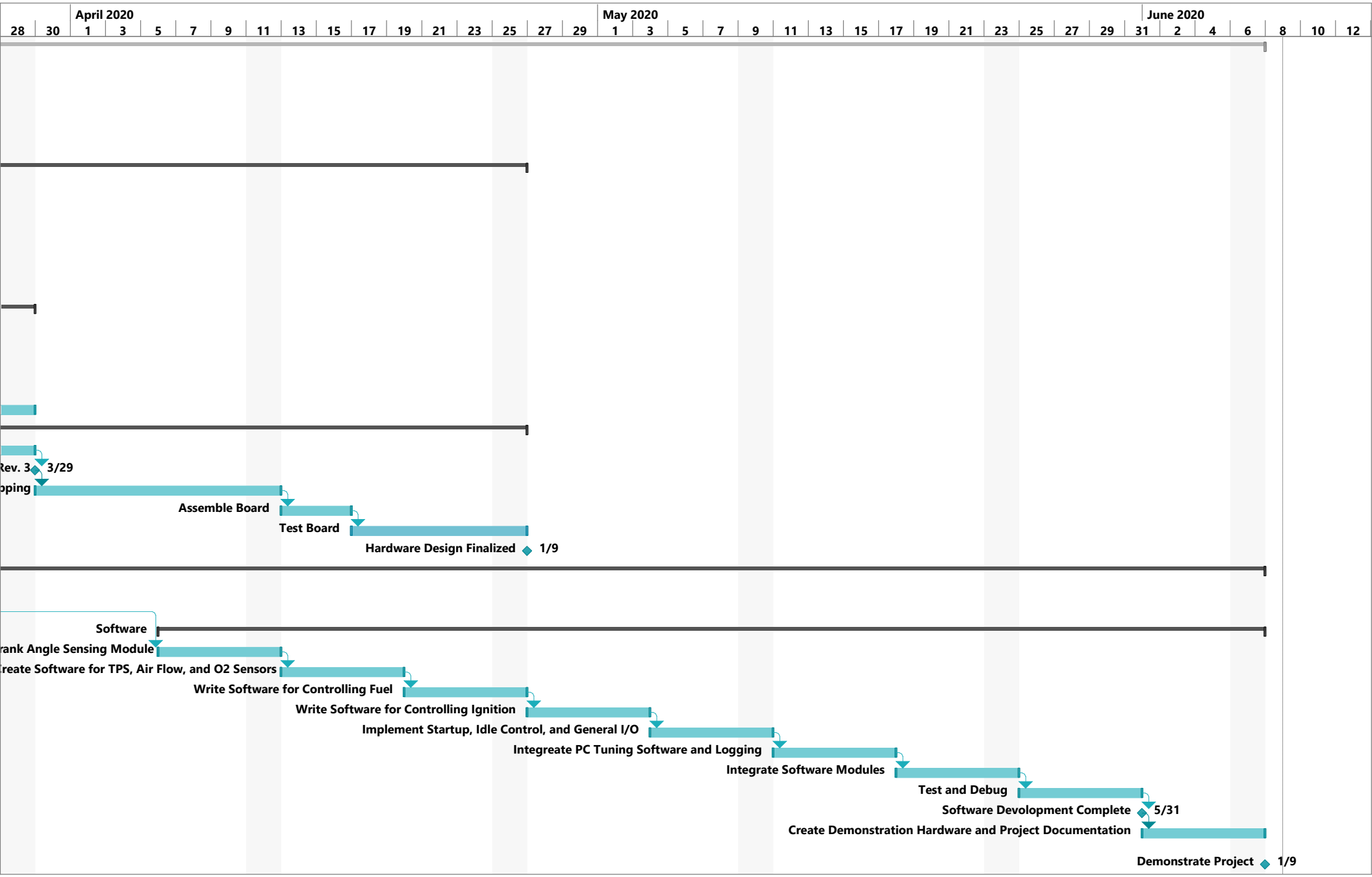
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Write Software for Controlling Ignition
Implement Startup, Idle Control, and General I/O
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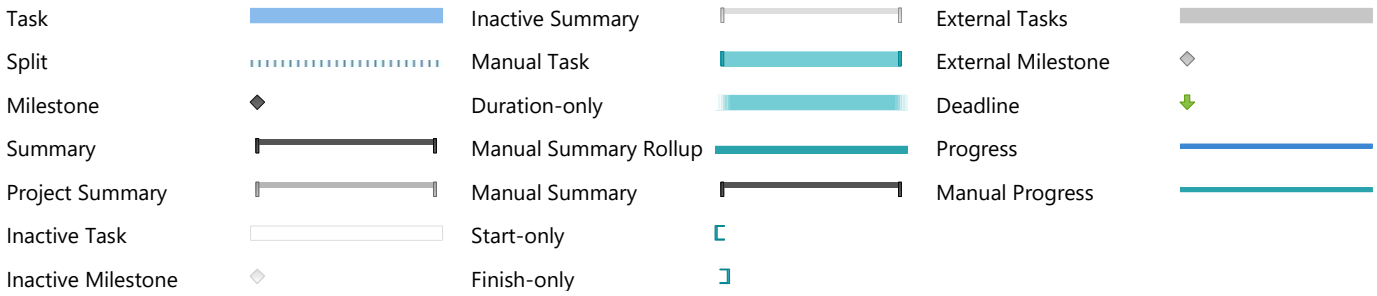
Integrate Software Modules
Test and Debug
Software Development Complete
5/31
Create Demonstration Hardware and Project Documentation
Demonstrate Project
1/9

Project: Electronic Engine Controller
Date: Thu 1/9/20