Project Sheet

smartsheet

	Task	Status	Assigned To	Condition	Start Date
1	**Homework Assignments**	In Progress			
2	ECE411 HW1 Class Skill	Complete	Michael Ngo		10/01/25
3	ECE411 HW2 Upload	Complete	Michael Ngo		10/01/25
4	ECE411 HW2 Form	Complete	Michael Ngo		10/01/25
5	ECE411 HW3 Generate	Complete	Mohammed Alkanderi		10/09/25
6	ECE411 HW3 Set Up	Complete	Michael Ngo		10/09/25
7	ECE411 HW4 PDS	Complete	Michael Ngo		10/16/25
8	ECE411 HW5 Make a	Complete	Michael Ngo		10/23/25
9	ECE411 HW5	Complete	Mohammed Alkanderi		10/23/25
10	ECE411 HW6 Show Off	Complete	Michael Ngo		10/30/25
11	ECE411 HW6 Project	Complete	dalrandi@pdx.edu		10/30/25
12	ECE411 HW6 Updated	In Progress	Mohammed Alkanderi		10/30/25
13	HW 07 – Bill of Materials	In Progress	dalrandi@pdx.edu		11/07/25
14	HW 07 – Rough Draft of	In Progress	Mohammed Alkanderi		11/07/25
15	HW 07 – Functional	In Progress	dalrandi@pdx.edu		11/07/25
16	HW 08 – Design Review	Not Started	Mohammed Alkanderi		11/13/25
17	HW 08 – Final CAD	Not Started	Mohammed Alkanderi		11/13/25
18	HW 08 – Send Board to	Not Started	Michael Ngo		11/13/25
19	HW 09 – Practicum	Not Started	dalrandi@pdx.edu		11/20/25
20	HW 10 – Test Plan	Not Started	dalrandi@pdx.edu		11/29/25
21	HW 11 – Practicum	Not Started	Michael Ngo		12/04/25
22	HW 11 – CATME	Not Started	dalrandi@pdx.edu		12/12/25
23	**Interface Circuitry**	In Progress			11/13/25
24	Design Circuitry	Complete	Mohammed Alkanderi		11/13/25
25	Purchase Screen and	Complete	dalrandi@pdx.edu		11/18/25
26	Get ESP32	Complete	Michael Ngo		11/18/25

End Date	Priority
10/08/25	
10/09/25	
10/09/25	
10/16/25	
10/16/25	
10/23/25	
10/30/25	
10/30/25	
11/06/25	
11/06/25	
11/06/25	
11/13/25	
11/13/25	
11/13/25	
11/20/25	
11/20/25	
11/20/25	
11/29/25	
12/04/25	
12/12/25	
12/14/25	
11/20/25	
11/18/25	
11/22/25	
11/22/25	

	Task	Status	Assigned To	Condition	Start Date
27	Get breadboard	Complete	Mohammed Alkanderi		11/18/25
28	Get LEDs	In Progress	dalrandi@pdx.edu		11/22/25
29	**Research**	In Progress			
30	ESP32 Datasheet	In Progress	Mohammed Alkanderi		10/23/25
31	Sensor Datasheet	In Progress	dalrandi@pdx.edu		10/23/25
32	Display Datasheet	In Progress	Michael Ngo		10/23/25
33	**Construct/Test Circuitry**	In Progress	Mohammed Alkanderi		
34	Build/Assemble	Complete	Mohammed Alkanderi		11/01/25
35	Build Code	In Progress	dalrandi@pdx.edu		11/27/25
36	Test device sensor works	In Progress	Michael Ngo		12/02/25
37	Test ESP32 works	Complete	Michael Ngo		12/06/25
38	Test Code works with	In Progress	dalrandi@pdx.edu		12/10/25
39	Test LEDs	In Progress	dalrandi@pdx.edu		12/10/25
40	Test all components	In Progress	Michael Ngo		12/12/25
41	**Revisions**	In Progress			
42	Update schematic	In Progress	Mohammed Alkanderi		12/15/25
43	Update Preliminary	In Progress	Mohammed Alkanderi		12/15/25
44	Update code if needed	Not Started	dalrandi@pdx.edu		12/17/25
45	Update board layout if	Not Started	Michael Ngo		12/17/25
46	**Final Check**	Not Started			
47	Device runs	Not Started	Michael Ngo		12/19/25
48	No loose wires	Not Started	Michael Ngo		12/19/25
49					
50					

End Date	Priority
11/22/25	
11/27/25	
11/27/25	
11/27/25	
11/27/25	
11/06/25	
12/02/25	
12/06/25	
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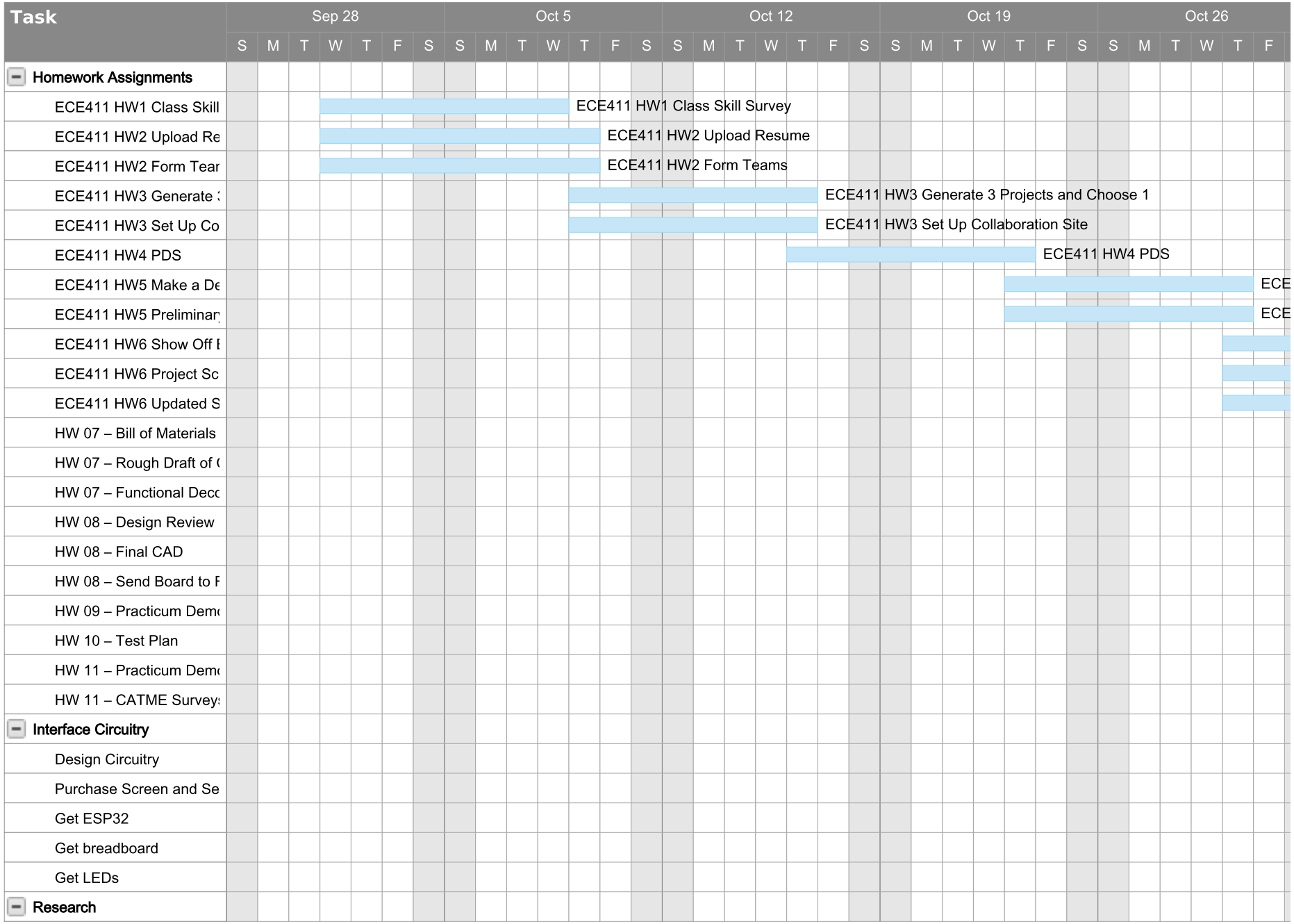
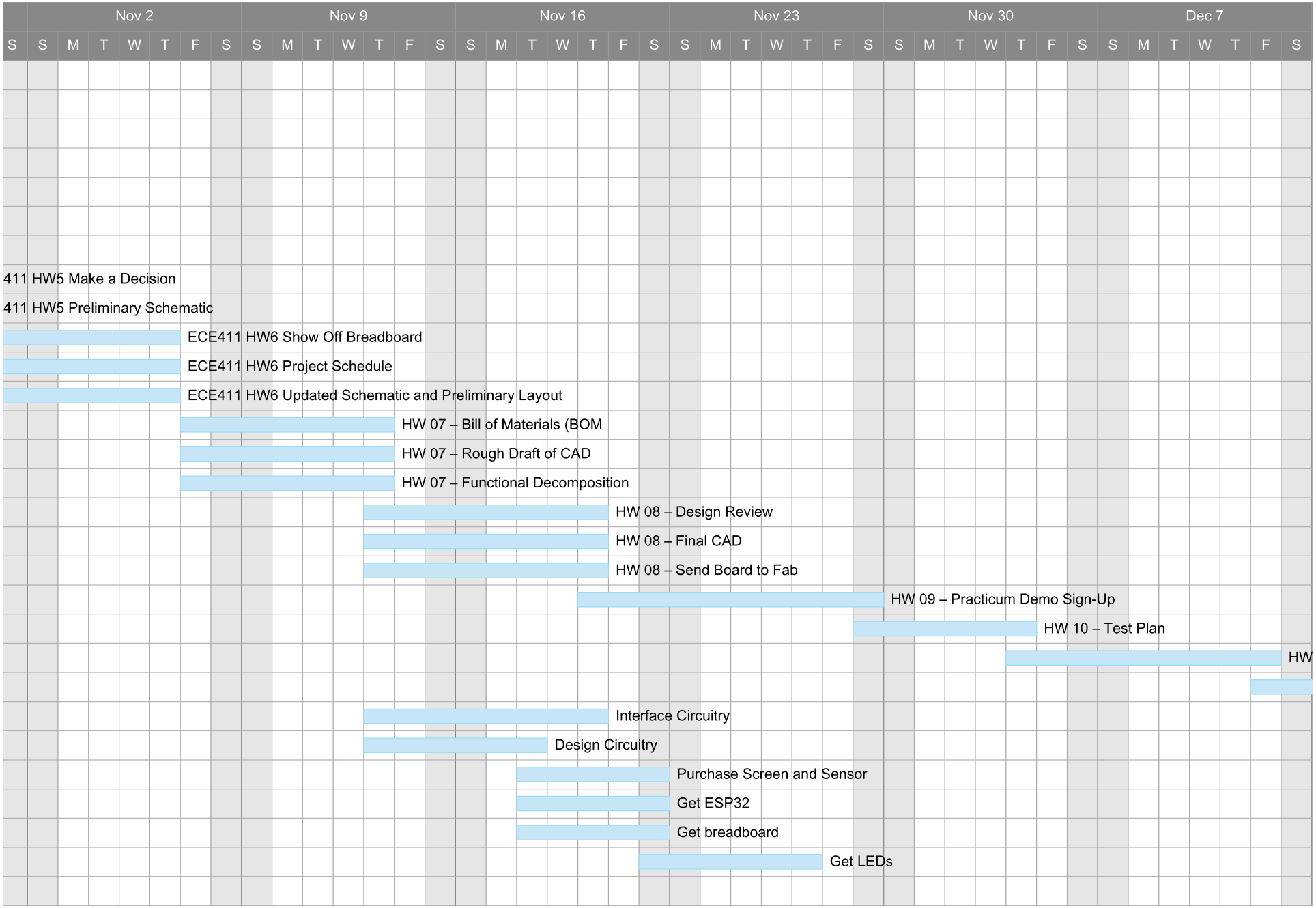
12/22/25	

Project Sheet

smartsheet




Nov 2
Nov 9
Nov 16
Nov 23
Nov 30
Dec 7
S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S
411 HW5 Make a Decision
411 HW5 Preliminary Schematic
ECE411 HW6 Show Off Breadboard
ECE411 HW6 Project Schedule
ECE411 HW6 Updated Schematic and Preliminary Layout
HW 07 – Bill of Materials (BOM
HW 07 – Rough Draft of CAD
HW 07 – Functional Decomposition
HW 08 – Design Review
HW 08 – Final CAD
HW 08 – Send Board to Fab
HW 09 – Practicum Demo Sign-Up
HW 10 – Test Plan
HW
Interface Circuitry
Design Circuitry
Purchase Screen and Sensor
Get ESP32
Get breadboard
Get LEDs

Dec 14							Dec 21						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
11 – Practicum Demos													
	HW 11 – CATME Surveys												

	Task	Sep 28							Oct 5							Oct 12							Oct 19							Oct 26						
		S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	
30	ESP32 Datasheet																																			
31	Sensor Datasheet																																			
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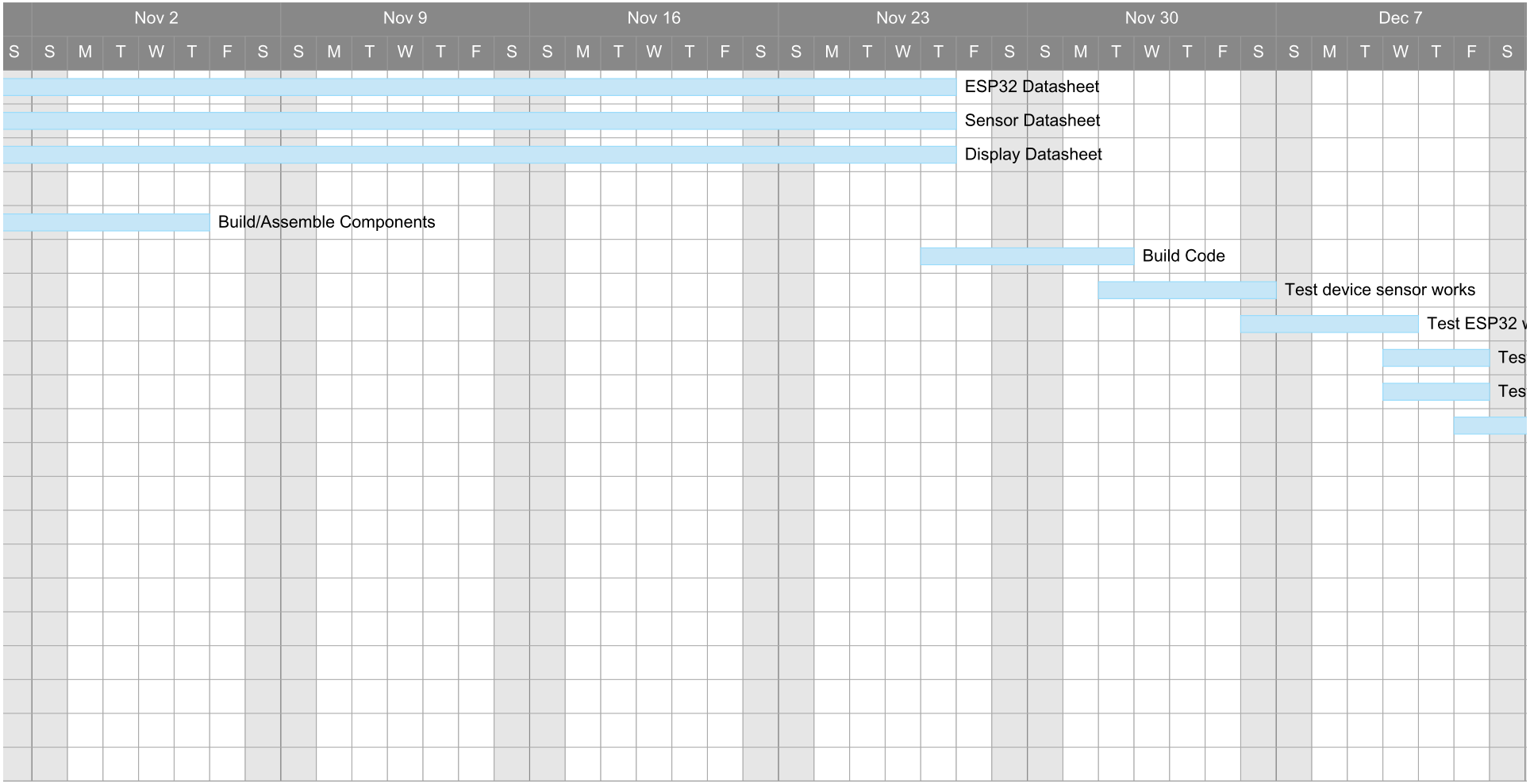
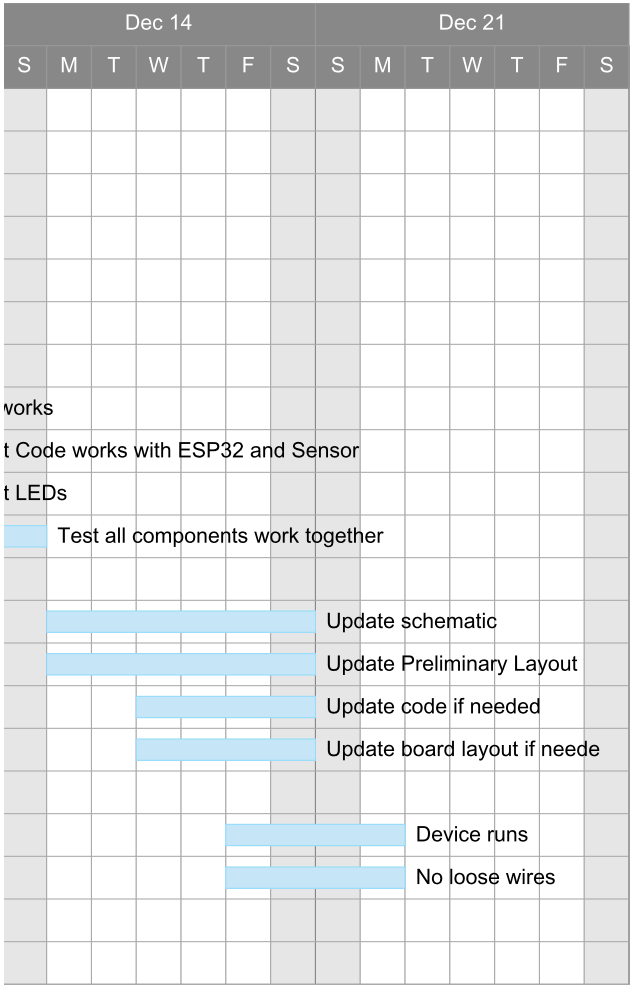

Nov 2
Nov 9
Nov 16
Nov 23
Nov 30
Dec 7
S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
ESP32 Datasheet
Sensor Datasheet
Display Datasheet
Build/Assemble Components
Build Code
Test device sensor works
Test ESP32 v
Tes
Tes


Dec 14
Dec 21
S M T W T F S S M T W T F S
works
t Code works with ESP32 and Sensor
t LEDs
Test all components work together
Update schematic
Update Preliminary Layout
Update code if needed
Update board layout if neede
Device runs
No loose wires