



ID	0	Task Mode	Task Name	Duration	Start	22	27	Janu 1	uary 202 ⁻	1 11	16	21	26	Febr	uary 202 5	1 10	15	20
39	.	4	Test & Program temp&light s	64 days	Feb 24 '21													
40	.	-	Test & Program CO2/O2 sens	4 days	Feb 24 '21													
41		*	Week 8	6 days	Mar 1 '21													
42	*	-5	Enable communication between LTP5902 and	1.33 days	Mar 1 '21													
43	*	-5	Learn how to operate Emanager interface	2 days	Mar 2 '21													
44	.	-	Test mote connection	2 days	Mar 4 '21													
45	.	-5	Discuss Sensor and smartmesh Integration	4 days	Mar 2 '21													
46	*	-5	Test&Program Wind speed and direction sensors	0.5 days	Mar 1 '21													
47	*	4	Test&Program Vibration sens	4 days	Mar 1 '21													
48		*	Week 9	6 days	Mar 8 '21													
49	*	-5	Put together basic breadboard prototype	4 days	Mar 8 '21													
50		-5	Begin hand-sketch schematic	4 days	Mar 8 '21													
51	.	-5	Integrate senor programming w/ SmartMesh	4 days	Mar 8 '21													
52		-49	Configure Smartmesh E-man	a 4 days	Mar 8 '21													
53		*	Week 10	6 days	Mar 15 '21													
54	.	-,	Test extra coding capabilities on functioning breadboard prototype(switching master and slave mode, testing	4 days	Mar 15 '21													
			Task		Inactive Sumr	mary					Exterr	al Tasks						
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D	•	Task Mode	Task Name		Duration	Start	22	27	Janua 1	ary 202	1	16	21	26	Febr	ruary 20	21 10	15	20
55	*	-5	Test a sco	power consumption on	1.33 days	Mar 15 '21						·							
56	*			te detailed power umption graph	4 days	Mar 16 '21													
57	&	4		arch PCB connection	4 days	Mar 16 '21													
58	&		testi	ng OTAP	4 days	Mar 15 '21													
59		*	Week 1	-	6 days	Mar 22 '21													
60	*	-5	desig	ooard prototype gn,(with power umption optimizations)	4 days	Mar 22 '21													
61	.		Rese	arch layout	4 days	Mar 22 '21													
62	.		Final	ize Test Plan for sensors	1 day	Mar 22 '21													
63	.	-49	Final	ize test plan for SmartM	1 day	Mar 22 '21													
64		*	Week 1	.2	6 days	Mar 29 '21													
65	00	4	Begir	n PCB design	4 days	Mar 29 '21													
66		4	Rese	arch Power performance	3 days	Mar 29 '21													
67		-5		n extra function of nager system	4 days	Mar 29 '21													
68		*	Week 1	.3	6 days	Apr 5 '21													
69	*	-5	_	n Housing Design, finish booard build.	4 days	Apr 5 '21													
70	*	4	Begir	n layout design	3 days	Apr 5 '21													
71	&	-5	Finisl	h physical Protoboard bւ	ı 4 days	Apr 9 '21													
72	*	45	Finisl	h software protoboard b	3 days	Apr 5 '21													
73		*	Week 1	.4	6 days	Apr 12 '21													
				Task		Inactive Summ	nary				Ext	ernal T	asks						
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Project: Sensor Suite - Team 20 Date: Feb 5 '21 Milestone Summary					Duration-only					Dea	adline			•					
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D	0	Task Mode	Task Name	Duration	Start	22	27	Janu 1	uary 2	2021	11	16	21	26	6	Febru 31	uary 20 5	021	1	5	20
74			Begin Visual Dashboard	4 days	Apr 12 '21		21			0		10	_ 21		0	31		10		<i>J</i>	20
75	*		Configure data-organization system	s 4 days	Apr 12 '21																
76	*	-5	Finish coding on protoboard build	d 4 days	Apr 12 '21																
77		- 5	Discuss PCB progress	4 days	Apr 12 '21																
78		*	Week 15	6 days	Apr 19 '21																
79			Finalize PCB design and sen files for fabrication	d 4 days	Apr 19 '21																
80		-5	Finalize Housing Design	4 days	Apr 19 '21																
81		-5	Finalize Power Source	4 days	Apr 19 '21																
82		-5	Discuss Documentation pro	gr 1 day	Apr 19 '21																
83			Finish final BoM	2 days	Apr 23 '21																
84		*	Week 16	6 days	Apr 26 '21																
85	*	-5	Allow for shipping time for PCB fabrication	4 days	Apr 27 '21																
86			Calculate theorical power consumption of 2nd propotype system	4 days	Apr 27 '21																
87	*	-5	Build 2nd prototype in real environment	4 days	Apr 26 '21																
88		*	Week 17	6 days	May 3 '21																
89		-5	begin Final Documentation	4 days	May 3 '21																
90		-5	Test power consumption of 2nd propotype	4 days	May 3 '21																
			Task		Inactive Summ	ary					1	Extern	al Task	5							
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Project: Sensor Suite - Team 20 Date: Feb 5 '21 Summary				Manual Summary Rollup							Progress										
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91		-3		vze differences between ry and realistic design	4 days	May 3 '21													
92		*	Week 1	8	6 days	May 10 '21													
93		-5	PCB	received, began solderin	4 days	May 10 '21													
94		-5	Docu	mentation work	4 days	May 10 '21													
95		4)		gure software to max ormance	4 days	May 14 '21													
96		*	Week 1	9	6 days	May 17 '21													
97		-5)		testing and gging/troubleshooting	4 days	May 20 '21													
98	.	4	Begin	Final Presentation	4 days	May 26 '21													
99		*	Week 2	0	6 days	May 24 '21													
100	.	4	Final	bug fix and polishing,	4 days	May 26 '21													
101	.	4	Creat	e Operations Guide	4 days	May 26 '21													
102		4	Begin	Final Project Report	2 days	Jun 1 '21													
103		*	Week 2	1	6 days	May 31 '21													
104	<u></u>	- 5	prese	hed with entation(slides), Practice entations	•	Jun 3 '21													
105	.	-5	Pract	ice presentations	1 day	Jun 7 '21													
106	.	-5	Discu	ss Final Documentation	3 days	Jun 3 '21													
107		*	Week 2	2	6 days	Jun 7 '21													
108	₩		with	entations (Completed project, presentation), Project	1 day	Jun 13 '21													
				Task		Inactive Summ	nary					Extern	al Tasks						
				Split		Manual Task						Extern	al Miles	tone	\Diamond				
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Project: Sensor Suite - Team 20 Date: Feb 5 '21 Summary				Summary		Manual Summ	nmary Rollup					Progre	ess		_			_	
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