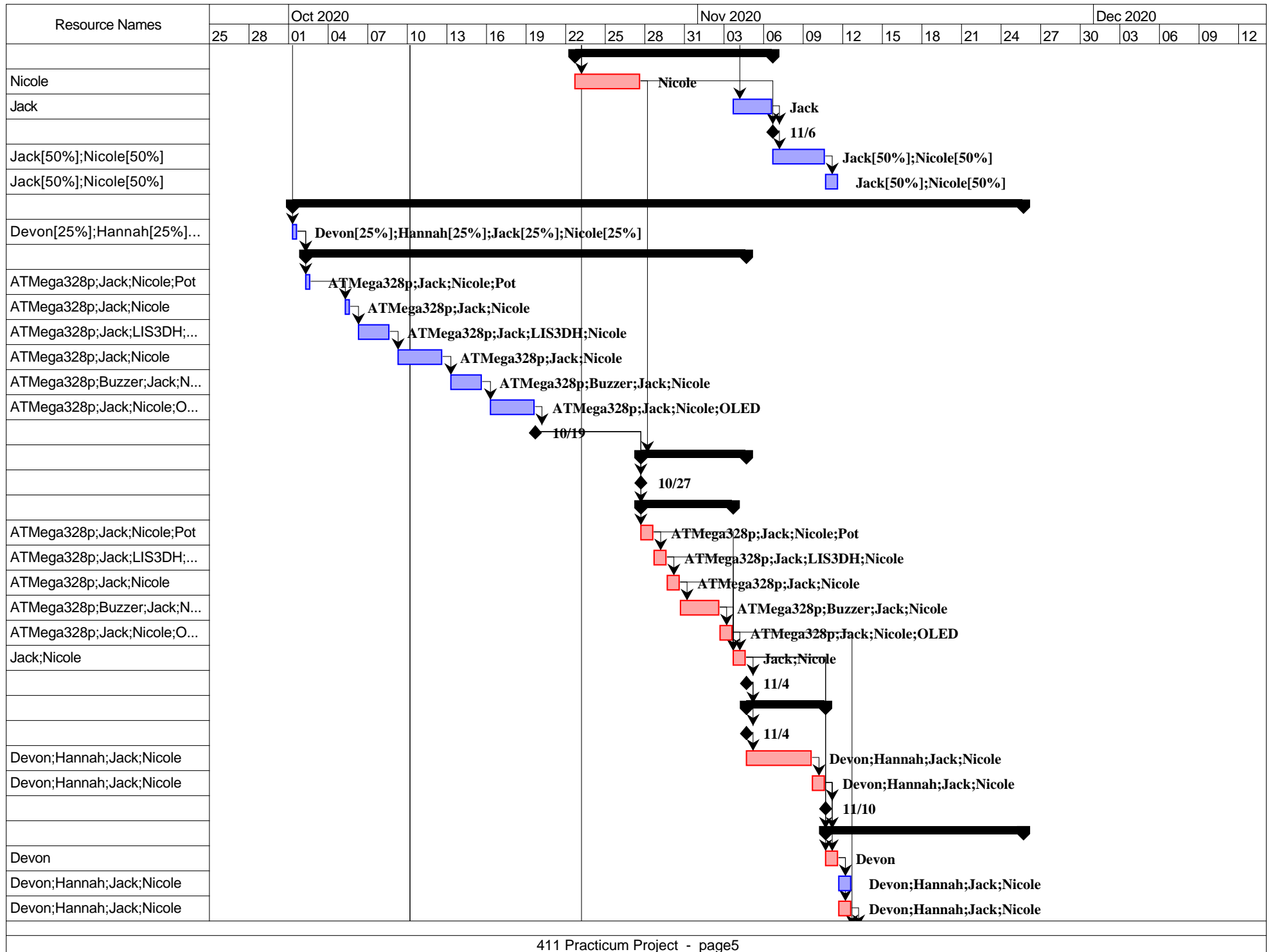
	Name	Duration	Start	Finish	Predecessors
1		First Team Meeting	1 day	9/28/20 8:00 AM	9/28/20 5:00 PM	
2		Define Requirements	1 day	9/28/20 8:00 AM	9/28/20 5:00 PM	
3		Create Project Idea	4 days	9/29/20 8:00 AM	10/2/20 5:00 PM	2
4		Verify Project Meets Requirements	0 days	9/28/20 8:00 AM	9/28/20 8:00 AM	
5		Create Collaboration Site	3 days	9/28/20 8:00 AM	9/30/20 5:00 PM	4
6		Write PDS	2 days	9/28/20 8:00 AM	9/29/20 5:00 PM	4
7		Review PDS	0 days	9/29/20 5:00 PM	9/29/20 5:00 PM	6
8		Define High Level Description of Device	1 day	9/28/20 8:00 AM	9/28/20 5:00 PM	4
9		Review Design	0 days	9/28/20 5:00 PM	9/28/20 5:00 PM	8
10		<b>Research Parts</b>	<b>4 days</b>	<b>9/29/20 8:00 AM</b>	<b>10/2/20 5:00 PM</b>	<b>9</b>
11		Research Accelerometers	1 day	9/29/20 8:00 AM	9/29/20 5:00 PM	
12		Research Processors	1 day	9/29/20 8:00 AM	9/29/20 5:00 PM	
13		Research Displays	1 day	9/29/20 8:00 AM	9/29/20 5:00 PM	
14		Determine Power Source	1 day	9/29/20 8:00 AM	9/29/20 5:00 PM	
15		Research Necessary Connections	3 days	9/29/20 8:00 AM	10/1/20 5:00 PM	
16		Research PCB Manufacturers	1 day	9/29/20 8:00 AM	9/29/20 5:00 PM	
17		Create Rough Draft of BOM	1 day	10/2/20 8:00 AM	10/2/20 5:00 PM	11;12;13;15
18		Review Draft of BOM	0 days	10/2/20 5:00 PM	10/2/20 5:00 PM	17
19		<b>Design PCB</b>	<b>28 days</b>	<b>10/5/20 8:00 AM</b>	<b>11/11/20 4:59 PM</b>	<b>9;18</b>
20		Download EagleCAD	1 day	10/5/20 8:00 AM	10/5/20 5:00 PM	
21		Review Working with EagleCAD	1 day	10/5/20 8:00 AM	10/5/20 5:00 PM	
22		Research Board Layout for Processor	5 days	10/5/20 8:00 AM	10/9/20 4:59 PM	
23		<b>Create Preliminary Block Diagram</b>	<b>5 days</b>	<b>10/9/20 4:59 PM</b>	<b>10/16/20 4:59 PM</b>	<b>18;22</b>
24		Revise Block Diagram	5 days	10/9/20 4:59 PM	10/16/20 4:59 PM	
25		Review Block Diagram	0 days	10/9/20 4:59 PM	10/9/20 4:59 PM	
26		<b>Design Traces</b>	<b>9 days</b>	<b>10/9/20 4:59 PM</b>	<b>10/22/20 4:59 PM</b>	<b>25</b>
27		Determine Pins Needed	1 day	10/9/20 4:59 PM	10/12/20 4:59 PM	25
28		Create Schematic	4 days	10/12/20 4:59 PM	10/16/20 4:59 PM	27
29		Review Schematic	0 days	10/16/20 4:59 PM	10/16/20 4:59 PM	28
30		Final Revise of Schematic	4 days	10/16/20 4:59 PM	10/22/20 4:59 PM	29
31		Accept Schematic	0 days	10/22/20 4:59 PM	10/22/20 4:59 PM	30
32		<b>Build Breadboard Prototypes</b>	<b>14 days</b>	<b>10/22/20 4:59 PM</b>	<b>11/11/20 4:59 PM</b>	<b>31</b>
33		<b>Order Parts</b>	<b>13 days</b>	<b>10/22/20 4:59 PM</b>	<b>11/10/20 4:59 PM</b>	
34		Order Parts According to BOM	1 day	10/22/20 4:59 PM	10/23/20 4:59 PM	31
35		Wait for Delays in Shipping	7 days	10/23/20 4:59 PM	11/3/20 4:59 PM	34




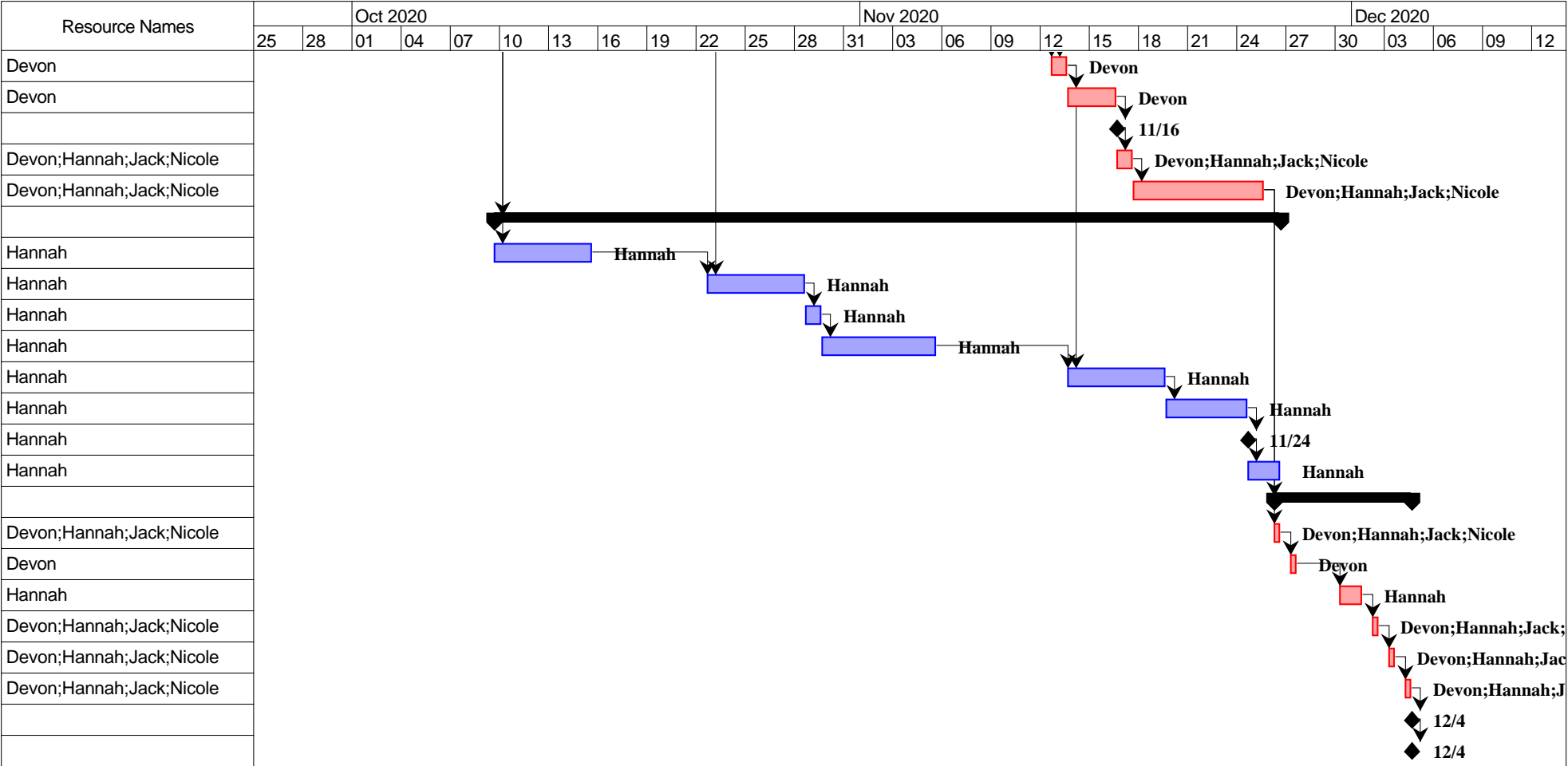


		Name	Duration	Start	Finish	Predecessors
36		<b>Preliminary Build of Boards</b>	<b>11 days</b>	<b>10/22/20 4:59 PM</b>	<b>11/6/20 4:59 PM</b>	
37		Build First Prototype	3 days	10/22/20 4:59 PM	10/27/20 4:59 PM	31
38		Build Second Prototype	3 days	11/3/20 4:59 PM	11/6/20 4:59 PM	35
39		Review Parts	0 days	11/6/20 4:59 PM	11/6/20 4:59 PM	37;38
40		Order Secondary Parts	2 days	11/6/20 4:59 PM	11/10/20 4:59 PM	39
41		Update Prototypes with Secondary P...	1 day	11/10/20 4:59 PM	11/11/20 4:59 PM	40
42		<b>Write Code</b>	<b>40 days</b>	<b>10/1/20 8:00 AM</b>	<b>11/25/20 5:00 PM</b>	
43		Create High Level Description of Code	1 day	10/1/20 8:00 AM	10/1/20 5:00 PM	8
44		<b>Define Modular Sections</b>	<b>24 days</b>	<b>10/2/20 8:00 AM</b>	<b>11/4/20 4:59 PM</b>	<b>43</b>
45		Read Potentiometer Setting	1 day	10/2/20 8:00 AM	10/2/20 5:00 PM	43
46		Determine Die Number	1 day	10/5/20 8:00 AM	10/5/20 5:00 PM	45
47		Sense Shake	3 days	10/6/20 8:00 AM	10/8/20 5:00 PM	46
48		Rolling Again	2 days	10/9/20 8:00 AM	10/12/20 5:00 PM	47
49		Set Response for 1 Being Rolled	3 days	10/13/20 8:00 AM	10/15/20 5:00 PM	48
50		Display Prompts and Results on Display	2 days	10/16/20 8:00 AM	10/19/20 5:00 PM	49
51		Compile Code	0 days	10/19/20 5:00 PM	10/19/20 5:00 PM	50
52		<b>Breadboard Testing</b>	<b>6 days</b>	<b>10/27/20 4:59 PM</b>	<b>11/4/20 4:59 PM</b>	<b>37</b>
53		Upload Code	0 days	10/27/20 4:59 PM	10/27/20 4:59 PM	51
54		<b>Check Each Modular Section</b>	<b>5 days</b>	<b>10/27/20 4:59 PM</b>	<b>11/3/20 4:59 PM</b>	<b>51</b>
55		Check Sensor Values	1 day	10/27/20 4:59 PM	10/28/20 4:59 PM	51
56		Check Accelerometer Sensitivity	1 day	10/28/20 4:59 PM	10/29/20 4:59 PM	55
57		Check Rolls are Corrent and Ran...	1 day	10/29/20 4:59 PM	10/30/20 4:59 PM	56
58		Check Buzzer Response for 1	1 day	10/30/20 4:59 PM	11/2/20 4:59 PM	57
59		Check Display Shows Prompts an...	1 day	11/2/20 4:59 PM	11/3/20 4:59 PM	58
60		Final Breadboard Prototype Check	1 day	11/3/20 4:59 PM	11/4/20 4:59 PM	55;56;57;58;59
61		Accept Final Prototypes	0 days	11/4/20 4:59 PM	11/4/20 4:59 PM	60
62		<b>Final Code Review</b>	<b>4 days</b>	<b>11/4/20 4:59 PM</b>	<b>11/10/20 4:59 PM</b>	<b>61</b>
63		Review Code	0 days	11/4/20 4:59 PM	11/4/20 4:59 PM	61
64		Test Complete Code	3 days	11/4/20 4:59 PM	11/9/20 4:59 PM	63
65		Revise Code	1 day	11/9/20 4:59 PM	11/10/20 4:59 PM	64
66		Code Accepted	0 days	11/10/20 4:59 PM	11/10/20 4:59 PM	65
67		<b>Board Review</b>	<b>11 days</b>	<b>11/10/20 4:59 PM</b>	<b>11/25/20 5:00 PM</b>	<b>60;65</b>
68		Update Design from Prototype/Code ...	1 day	11/10/20 4:59 PM	11/11/20 4:59 PM	60;65
69		Set Up Meeting with Other Team	1 day	11/11/20 4:59 PM	11/12/20 4:59 PM	68
70		Share Board with Andrew Greenberg	1 day	11/11/20 4:59 PM	11/12/20 4:59 PM	68





		Name	Duration	Start	Finish	Predecessors
71		Revise Board	1 day	11/12/20 4:59 PM	11/13/20 4:59 PM	59;70
72		Design PCB Panelization	1 day	11/13/20 4:59 PM	11/16/20 4:59 PM	71
73		Review Final Layout	0 days	11/16/20 4:59 PM	11/16/20 4:59 PM	72
74		Compile Final BOM	1 day	11/16/20 4:59 PM	11/17/20 4:59 PM	73
75		Order PCB	6 days	11/17/20 4:59 PM	11/25/20 5:00 PM	74
76		<b>Design 3D Printed Housing</b>	<b>34 days</b>	<b>10/9/20 4:59 PM</b>	<b>11/26/20 4:59 PM</b>	<b>25</b>
77		Sketch Initial Designs	4 days	10/9/20 4:59 PM	10/15/20 4:59 PM	25
78		Define Case Dimensions	4 days	10/22/20 4:59 PM	10/28/20 4:59 PM	31;77
79		Review Case Design	1 day	10/28/20 4:59 PM	10/29/20 4:59 PM	78
80		3D Model Sketch	5 days	10/29/20 4:59 PM	11/5/20 4:59 PM	79
81		Revise Case Based on Previous Design ...	4 days	11/13/20 4:59 PM	11/19/20 4:59 PM	71;80
82		Optimize Sketch for Modular Construction	3 days	11/19/20 4:59 PM	11/24/20 4:59 PM	81
83		Final Review of Case Design	0 days	11/24/20 4:59 PM	11/24/20 4:59 PM	82
84		Print Housing	2 days	11/24/20 4:59 PM	11/26/20 4:59 PM	83
85		<b>Final Construction</b>	<b>7 days</b>	<b>11/26/20 8:00 AM</b>	<b>12/4/20 5:00 PM</b>	<b>75</b>
86		Test Board	1 day	11/26/20 8:00 AM	11/26/20 5:00 PM	75
87		Revise Traces and Components	1 day	11/27/20 8:00 AM	11/27/20 5:00 PM	86
88		House Device	2 days	11/30/20 8:00 AM	12/1/20 5:00 PM	87
89		Test Device in Case	1 day	12/2/20 8:00 AM	12/2/20 5:00 PM	88
90		Final Check	1 day	12/3/20 8:00 AM	12/3/20 5:00 PM	89
91		Final Revision	1 day	12/4/20 8:00 AM	12/4/20 5:00 PM	90
92		Accept Final Device	0 days	12/4/20 5:00 PM	12/4/20 5:00 PM	91
93		CELEBRATE PROJECT COMPLETE!!	0 days	12/4/20 5:00 PM	12/4/20 5:00 PM	92





							Jan 2021							
15	18	21	24	27	30		02	05	08	11	14	17	20	23
<div>Nicole k;Nicole ack;Nicole</div>														

411 Practicum Project - page9