

Dr. Vernon T. Cox																									
ID	Task Name	Duration	Start	Finish	'23							Apr 10, '23							Apr 17, '23						
					T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F			
1	IoT Projects for cohort #9	34.25 days?	Mon 3/6/23	Fri 4/21/23																					
2	Midterm Project #1	3.44 days	Mon 3/6/23	Thu 3/9/23																					
3	Plan the project	0.56 days	Mon 3/6/23	Mon 3/6/23																					
4	write up the details	4 hrs	Mon 3/6/23	Mon 3/6/23																					
5	photo/video progress	0.5 hrs	Mon 3/6/23	Mon 3/6/23																					
6	Draw the schematic	0.56 days	Mon 3/6/23	Tue 3/7/23																					
7	pencil in the schematic in notebook or paper	4 hrs	Mon 3/6/23	Tue 3/7/23																					
8	photo/video progress	0.5 hrs	Tue 3/7/23	Tue 3/7/23																					
9	set up new computer	0.38 days	Tue 3/7/23	Tue 3/7/23																					
10	load software	3 hrs	Tue 3/7/23	Tue 3/7/23																					
11	Fritz	0.13 days	Tue 3/7/23	Tue 3/7/23																					
12	photo/video progress	0.5 hrs	Tue 3/7/23	Tue 3/7/23																					
13	draw wiring using Fritz	0.5 hrs	Tue 3/7/23	Tue 3/7/23																					
14	Code	2.31 days	Tue 3/7/23	Thu 3/9/23																					
15	photo/video progress	0.5 hrs	Tue 3/7/23	Tue 3/7/23																					
16	find code for (new and old) units	2 hrs	Tue 3/7/23	Wed 3/8/23																					
17	Auto and Manual - user controls lights and outlet	1 hr	Thu 3/9/23	Thu 3/9/23																					
18	modify code for my use	1 hr	Tue 3/7/23	Tue 3/7/23																					
19	control 2 WEMO outlets	1 hr	Wed 3/8/23	Wed 3/8/23																					
20	update code to control 2 WEMO outlets	1 hr	Wed 3/8/23	Wed 3/8/23																					
21	control Hue lights	1 hr	Wed 3/8/23	Wed 3/8/23																					
22	update codefor hue lights	1 hr	Wed 3/8/23	Wed 3/8/23																					
23	build the Welcome Box	2.56 days	Mon 3/6/23	Thu 3/9/23																					
24	3D design and print at least one part (button cover, knob, logo, etc.)	1 hr	Thu 3/9/23	Thu 3/9/23																					
25	A component made at FUSE - laser, wood, metal (case, stand, etc.)	1 hr	Thu 3/9/23	Thu 3/9/23																					
26	photo/video progress	0.5 hrs	Mon 3/6/23	Mon 3/6/23																					
27	complete first midterm	1 min	Mon 3/6/23	Mon 3/6/23																					
28	Midterm #2v1	2.38 days	Fri 3/17/23	Tue 3/21/23																					
29	Plan the project	0.5 days	Fri 3/17/23	Fri 3/17/23																					
30	write up the details	4 hrs	Fri 3/17/23	Fri 3/17/23																					
31	photo/video progress	0.5 hrs	Fri 3/17/23	Fri 3/17/23																					
32	Fritz	0.13 days	Fri 3/17/23	Fri 3/17/23																					
33	photo/video progress	1 hr	Fri 3/17/23	Fri 3/17/23																					
34	draw wiring using Fritz	1 hr	Fri 3/17/23	Fri 3/17/23																					
35	Code	0.5 days	Fri 3/17/23	Fri 3/17/23																					
36	photo/video progress	0.5 hrs	Fri 3/17/23	Fri 3/17/23																					

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					T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F			
37	find code for (new and old) units	2 hrs	Fri 3/17/23	Fri 3/17/23																					
38	Integrate the entire system	1 hr	Fri 3/17/23	Fri 3/17/23																					
39	Create a user friendly Adafruit.io dashboard	1 hr	Fri 3/17/23	Fri 3/17/23																					
40	Buy and/or create a structure to hold the plant, pump, and sensors.	0.5 hrs	Fri 3/17/23	Fri 3/17/23																					
41	Integration of SMS/email messaging using Zapier (following slides).	4 hrs	Fri 3/17/23	Fri 3/17/23																					
42	Video demo your Plant Watering System	3 hrs	Fri 3/17/23	Fri 3/17/23																					
43	update code for watering system	4 hrs	Fri 3/17/23	Fri 3/17/23																					
44	build the Fijian Plant H2O system	0.38 days	Tue 3/21/23	Tue 3/21/23																					
45	place all components in bowl	2 hrs	Tue 3/21/23	Tue 3/21/23																					
46	check for plant system operation within bowl	3 hrs	Tue 3/21/23	Tue 3/21/23																					
47	photo/video progress	3 hrs	Tue 3/21/23	Tue 3/21/23																					
48	complete second midterm	1 min	Tue 3/21/23	Tue 3/21/23																					
49	Capstone project ramp-up	9 days?	Wed 3/22/23	Mon 4/3/23																					
50																									
51	CAPSTONE Project	13.25 days	Tue 4/4/23	Fri 4/21/23																					
52	Plan the bluetooth/MAC finder project	48 hrs	Tue 4/4/23	Tue 4/11/23																					
53	develop work breakdown schedule	3 hrs	Wed 4/5/23	Mon 4/10/23																					
54	write up the details/begin the visio	48 hrs	Tue 4/4/23	Tue 4/11/23																					
55	photo/video progress	0.5 days	Wed 4/12/23	Wed 4/12/23																					
56	visio the thought	2 days	Wed 4/12/23	Thu 4/13/23																					
57	check for maker-space availabilitiy to make holding box	2 hrs	Mon 4/10/23	Mon 4/10/23																					
58	modify code	4.44 days	Fri 4/7/23	Thu 4/13/23																					
59	develop the process that grabs the MAC address via bl	14 hrs	Fri 4/7/23	Mon 4/10/23																					
60	test this iteration	3 hrs	Mon 4/10/23	Tue 4/11/23																					
61	develop the process that incorporates the trust quotier	16 hrs	Tue 4/11/23	Wed 4/12/23																					
62	test this iteration	3 hrs	Thu 4/13/23	Thu 4/13/23																					
63	review progress by Brian and/or EJ	0.5 hrs	Thu 4/13/23	Thu 4/13/23																					
64	update work breakdown schedule	2 hrs	Thu 4/13/23	Thu 4/13/23																					
65	fritz	2 hrs	Wed 4/12/23	Wed 4/12/23																					
66	photo/video progress	1 hr	Wed 4/12/23	Wed 4/12/23																					
67	make a box to hold electronics	4 hrs	Fri 4/14/23	Fri 4/14/23																					
68	photo/video progress	1 hr	Fri 4/14/23	Fri 4/14/23																					
69	review progress by Brian and/or EJ	0.5 hrs	Fri 4/14/23	Fri 4/14/23																					
70	test this iteration	2 hrs	Fri 4/14/23	Fri 4/14/23																					
71	update work breakdown schedule	2 hrs	Fri 4/14/23	Mon 4/17/23																					
72	complete capstone	0.13 days	Fri 4/21/23	Fri 4/21/23																					
73	present project to instructors, employers, guest	1 hr	Fri 4/21/23	Fri 4/21/23																					
74	complete IoT and Rapid Prototyping course	0.13 days	Fri 4/21/23	Fri 4/21/23																					
75	receive certificate	1 hr	Fri 4/21/23	Fri 4/21/23																					

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Project: Midterm#2v4
Date: Mon 4/10/23

Task



Progress



Summary



External Tasks



Deadline



Split



Milestone



Project Summary



External Milestone

