



































	Name	Duration	Start	Finish	Predecessors	Resource Names	20 Dec 20							
								F	S	S	M	T	W	T	F
1		Phase 1: Research	12 days	12/21/20 8:00 AM	1/5/21 5:00 PM										
2		Explore pin module options	0.5 days	12/21/20 8:00 AM	12/21/20 1:00 PM		Tamarr Stigler-Flores								
3		Create a Google Doc folder	0.5 days	12/23/20 8:00 AM	12/23/20 1:00 PM		Tamarr Stigler-Flores								
4		Read about FFT analysis	1 day	12/21/20 12:00 PM	12/22/20 1:00 PM		Navid Karamichamgordani								
5		Investigate GPS module options	1 day	12/21/20 12:00 PM	12/22/20 1:00 PM		Danny Wu								
6		Find frequency range for human voice	0.25 days	12/21/20 12:00 PM	12/21/20 3:00 PM		Uzias Cruz								
7		Research project components	0.75 days	12/23/20 8:00 AM	12/23/20 3:00 PM		Uzias Cruz								
8		Pseudocode of pin module	1 day	12/28/20 8:00 AM	12/28/20 5:00 PM		Tamarr Stigler-Flores								
9		Pseudocode of voice analysis	1 day	12/30/20 8:00 AM	12/30/20 5:00 PM		Navid Karamichamgordani								
10		Further research on voice analysis	1 day	1/1/21 8:00 AM	1/1/21 5:00 PM		Uzias Cruz								
11		create a github repo	1 day	12/29/20 8:00 AM	12/29/20 5:00 PM		Danny Wu								
12		Work on documentation and layout pro...	1 day	1/5/21 8:00 AM	1/5/21 5:00 PM		Tamarr Stigler-Flores								
13		Find options for GPS module (software)	1 day	1/4/21 8:00 AM	1/4/21 5:00 PM		Danny Wu								
14		Research on FFT frequency maximums	1 day	1/5/21 8:00 AM	1/5/21 5:00 PM		Uzias Cruz								
15		Phase 2: Proposal	18.25 da...	1/11/21 8:00 AM	2/4/21 10:00 AM										
16		Write conops	0.25 days	1/11/21 8:00 AM	1/11/21 10:00 AM		Navid Karamichamgordani								
17		Write requirements and start managem...	1 day	1/11/21 8:00 AM	1/11/21 5:00 PM		Tamarr Stigler-Flores								
18		Write deliverables	0.5 days	1/12/21 8:00 AM	1/12/21 1:00 PM		Uzias Cruz								
19		Write verification plans	0.75 days	1/13/21 8:00 AM	1/13/21 3:00 PM		Navid Karamichamgordani								
20		Write executive summary and introduct...	0.5 days	1/15/21 8:00 AM	1/15/21 1:00 PM		Uzias Cruz								
21		Write cover page & table of contents	0.25 days	1/14/21 8:00 AM	1/14/21 10:00 AM		Danny Wu								
22		State diagram	0.75 days	1/14/21 8:00 AM	1/14/21 3:00 PM		Danny Wu								
23		Complete the PDS draft	2 days	1/18/21 8:00 AM	1/19/21 5:00 PM	16;17;18;19;2...	Uzias Cruz;Tamarr Stigler-Fl...								
24		Run the PDS draft by Andrew Greenberg	0.25 days	1/22/21 8:00 AM	1/22/21 10:00 AM	23	Navid Karamichamgordani								
25		Initiate project management plan	1 day	1/21/21 8:00 AM	1/21/21 5:00 PM		Tamarr Stigler-Flores								
26		Initiate timeline (schedule)	1 day	1/21/21 8:00 AM	1/21/21 5:00 PM		Uzias Cruz								
27		Edit the schedule draft	0.5 days	1/25/21 8:00 AM	1/25/21 1:00 PM	26	Navid Karamichamgordani								
28		complete the project schedule	2 days	1/25/21 1:00 PM	1/27/21 1:00 PM	26;27	Uzias Cruz;Navid Karamicha...								
29		Complete PMP draft and discuss the PD...	1 day	1/25/21 8:00 AM	1/25/21 5:00 PM		Uzias Cruz;Tamarr Stigler-Fl...								
30		Run the PDS CONOPS with the client	0.25 days	1/26/21 8:00 AM	1/26/21 10:00 AM		Tamarr Stigler-Flores								
31		Run the proposal with the client and fa...	0.25 days	1/28/21 10:00 AM	1/28/21 1:00 PM	30	Tamarr Stigler-Flores								
32		Continue research on GPS module	0.5 days	1/26/21 8:00 AM	1/26/21 1:00 PM		Danny Wu								
33		Finish project proposal draft	2 days	2/1/21 8:00 AM	2/2/21 5:00 PM		Uzias Cruz;Tamarr Stigler-Fl...								
34		Run the completed draft by Andrew Gr...	0.25 days	2/3/21 8:00 AM	2/3/21 10:00 AM	33	Danny Wu								
35		Resolve/edit project proposal and sub...	1 day	2/3/21 10:00 AM	2/4/21 10:00 AM	34	Uzias Cruz;Tamarr Stigler-Fl...								

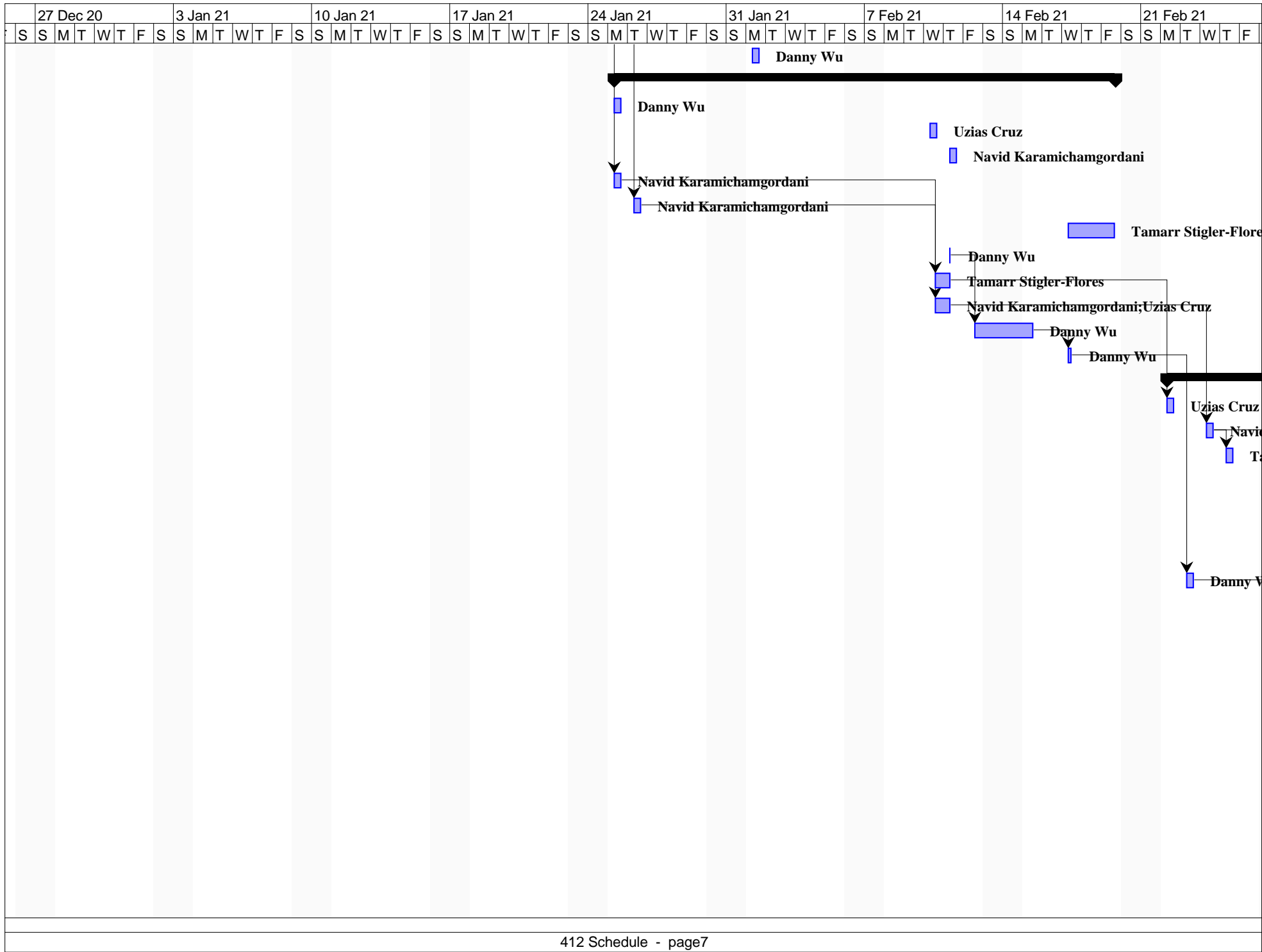
</

dani




[illegible]



		Name	Duration	Start	Finish	Predecessors	Resource Names	20 Dec 20							
								F	S	S	M	T	W	T	F
36		Analyze voice recordings from each me...	1 day	2/1/21 8:00 AM	2/1/21 5:00 PM		Danny Wu								
37		Phase 3: Initial Design	20 days?	1/25/21 8:00 AM	2/19/21 5:00 PM										
38		FFT analysis tests	1 day?	1/25/21 8:00 AM	1/25/21 5:00 PM		Danny Wu								
39		Comparison of voice frequency	1 day?	2/10/21 8:00 AM	2/10/21 5:00 PM		Uzias Cruz								
40		Find appropriate range based on testin...	1 day?	2/11/21 8:00 AM	2/11/21 5:00 PM		Navid Karamichamgordani								
41		Write a Python module for pin#	1 day	1/25/21 8:00 AM	1/25/21 5:00 PM	8	Navid Karamichamgordani								
42		Write a Python module for FFT graph	1 day	1/26/21 8:00 AM	1/26/21 5:00 PM	9	Navid Karamichamgordani								
43		High level algorithm of entire code	3 days	2/17/21 8:00 AM	2/19/21 5:00 PM		Tamarr Stigler-Flores								
44		Pseudocode of GPS module	0.25 days	2/11/21 8:00 AM	2/11/21 10:00 AM		Danny Wu								
45		Debug the code for pin module	0.5 days	2/10/21 2:00 PM	2/11/21 9:00 AM	41	Tamarr Stigler-Flores								
46		Debig the code for voice analysis	0.5 days	2/10/21 2:00 PM	2/11/21 9:00 AM	42	Navid Karamichamgordani;U...								
47		Prototype of code for GPS module	1 day	2/12/21 2:00 PM	2/15/21 2:00 PM	44	Danny Wu								
48		Test prototype of GPS module	0.5 days	2/17/21 8:00 AM	2/17/21 1:00 PM	47	Danny Wu								
49		Phase 4: Code Improvements	15 days?	2/22/21 8:00 AM	3/12/21 5:00 PM										
50		Improve pin code	1 day	2/22/21 8:00 AM	2/22/21 5:00 PM	45	Uzias Cruz								
51		Work on FFT code	1 day?	2/24/21 8:00 AM	2/24/21 5:00 PM	46	Navid Karamichamgordani								
52		Create code for storing frequencies	1 day?	2/25/21 8:00 AM	2/25/21 5:00 PM	51	Tamarr Stigler-Flores								
53		Improve voice analysis module	1 day?	3/2/21 8:00 AM	3/2/21 5:00 PM	51	Navid Karamichamgordani								
54		Integrate all codes of voice module	2 days	3/11/21 8:00 AM	3/12/21 5:00 PM	53	Navid Karamichamgordani;U...								
55		Work on documentation of code improv...	1 day?	3/4/21 8:00 AM	3/4/21 5:00 PM		Uzias Cruz								
56		Create tests for each module	1 day?	3/1/21 8:00 AM	3/1/21 5:00 PM		Tamarr Stigler-Flores								
57		Write code to obtain geographical locat...	1 day?	2/23/21 8:00 AM	2/23/21 5:00 PM	48	Danny Wu								
58		Write code to turn location into GPS co...	1 day?	3/2/21 8:00 AM	3/2/21 5:00 PM	57	Danny Wu								
59		Integrate GPS module	2 days	3/8/21 8:00 AM	3/9/21 5:00 PM	58	Danny Wu;Tamarr Stigler-Fl...								
60		Phase 5: Testing	5 days?	3/15/21 8:00 AM	3/19/21 5:00 PM	49									
61		Test pin code	1 day?	3/15/21 8:00 AM	3/15/21 5:00 PM		Uzias Cruz								
62		Test voice analysis code	1 day?	3/15/21 8:00 AM	3/15/21 5:00 PM		Navid Karamichamgordani								
63		Test GPS code	1 day?	3/17/21 8:00 AM	3/17/21 5:00 PM		Danny Wu								
64		Test accuracy of each module	1 day?	3/19/21 8:00 AM	3/19/21 5:00 PM		Tamarr Stigler-Flores								
65		Phase 6: Code Improvements	7 days?	3/24/21 8:00 AM	4/1/21 5:00 PM	60									
66		Fix pin code depending on test results	1 day?	3/24/21 8:00 AM	3/24/21 5:00 PM		Tamarr Stigler-Flores								
67		Improve voice analysis depending on t...	2 days	3/26/21 8:00 AM	3/29/21 5:00 PM		Navid Karamichamgordani								
68		Work on GPS code after testing results	2 days	3/26/21 8:00 AM	3/29/21 5:00 PM		Danny Wu								
69		Find ways to improve accuracy of GPS ...	1 day?	3/25/21 8:00 AM	3/25/21 5:00 PM		Uzias Cruz								
70		Integrate all codes together	2 days	3/31/21 8:00 AM	4/1/21 5:00 PM	66;67;68	Uzias Cruz;Tamarr Stigler-Fl...								



412 Schedule - page9

		Name	Duration	Start	Finish	Predecessors	Resource Names	20 Dec 20							
								F	S	S	M	T	W	T	F
71		Phase 7: Further Testing and Devel...	10 days?	4/12/21 8:00 AM	4/23/21 5:00 PM										
72		Complete pin code	1 day?	4/15/21 8:00 AM	4/15/21 5:00 PM		Uzias Cruz								
73		Ensure voice analysis works for differe...	4 days	4/15/21 8:00 AM	4/20/21 5:00 PM		Tamarr Stigler-Flores;Navid ...								
74		Complete GPS code	1 day?	4/12/21 8:00 AM	4/12/21 5:00 PM		Danny Wu								
75		Test the accuracy of each module	1 day?	4/21/21 8:00 AM	4/21/21 5:00 PM		Uzias Cruz								
76		Test the accuracy of all modules	1 day?	4/23/21 8:00 AM	4/23/21 5:00 PM		Danny Wu								
77		Phase 8: Further Additions	9 days?	4/27/21 8:00 AM	5/7/21 5:00 PM										
78		Discuss with the client about adding ne...	1 day?	4/27/21 8:00 AM	4/27/21 5:00 PM		Navid Karamichamgordani								
79		Pseudocode for registering the new us...	1 day?	4/29/21 8:00 AM	4/29/21 5:00 PM		Uzias Cruz								
80		Pseudocode for registering the new us...	1 day?	4/27/21 8:00 AM	4/27/21 5:00 PM		Tamarr Stigler-Flores								
81		Write a python modules for the new user	1 day?	4/28/21 8:00 AM	4/28/21 5:00 PM		Danny Wu								
82		Incorporate new code to previous code	1 day?	5/4/21 8:00 AM	5/4/21 5:00 PM		Danny Wu								
83		Test newly incorporated codes	1 day?	5/5/21 8:00 AM	5/5/21 5:00 PM	82	Tamarr Stigler-Flores								
84		Test accuracy of entire code	1 day?	5/6/21 8:00 AM	5/6/21 5:00 PM	83	Navid Karamichamgordani								
85		Record results and write down any imp...	1 day?	5/7/21 8:00 AM	5/7/21 5:00 PM	84	Uzias Cruz								
86		Phase 9: Debugging	9.5 days?	5/10/21 8:00 AM	5/21/21 1:00 PM										
87		Debug the new users modules	1 day?	5/10/21 8:00 AM	5/10/21 5:00 PM		Danny Wu								
88		Debug the new code	2 days	5/13/21 8:00 AM	5/14/21 5:00 PM		Tamarr Stigler-Flores;Uzias ...								
89		Test the new code	2 days	5/18/21 8:00 AM	5/19/21 5:00 PM	88	Uzias Cruz;Tamarr Stigler-Fl...								
90		Edit the proposal if needed	1.5 days	5/19/21 8:00 AM	5/20/21 1:00 PM		Danny Wu;Navid Karamicha...								
91		Run the new changes by the client	0.5 days	5/21/21 8:00 AM	5/21/21 1:00 PM		Navid Karamichamgordani								
92		Phase 8: Wrap It Up	10 days?	5/24/21 8:00 AM	6/4/21 5:00 PM										
93		Create a user manual	1 day?	5/24/21 8:00 AM	5/24/21 5:00 PM		Navid Karamichamgordani								
94		Create a poster for capstone project	1 day	5/27/21 8:00 AM	5/27/21 5:00 PM		Uzias Cruz;Danny Wu								
95		Write final report	2 days	6/3/21 8:00 AM	6/4/21 5:00 PM		Uzias Cruz;Tamarr Stigler-Fl...								
96		Test entire code several times	3 days	5/28/21 8:00 AM	6/1/21 5:00 PM		Tamarr Stigler-Flores;Uzias ...								
97		Fix any last minute bugs	2 days	6/2/21 8:00 AM	6/3/21 5:00 PM		Uzias Cruz;Tamarr Stigler-Fl...								

[illegible]

[illegible]

