

Task Number		Task Description	Responsible Team Members					Hours Complete	Hours Estimate	Schedule (School week starting)																									
			Drew	Michael	Ryan	Stephen	Jared			09/16/19	09/23/19	09/30/19		10/07/19	10/14/19	10/21/19	10/28/19	11/04/19		11/11/19	11/18/19	11/25/19	12/02/19		12/09/19	12/16/19	12/23/19	12/30/19	01/06/20	01/13/20	01/20/19	01/27/20	02/03/20	02/10/20	
Major Events																																			
1		System Requirements Review						30	25			10/5/2019																							
2		Concept Design Review						0	30									11/5/2019																	
3		Preliminary Design Review						0															12/3/2019												
Accomplishments & Criteria																																			
1	Sound Level Data Collection							15	45																										
	1.1	Measurement Collection						5	15																										
	1.2	MATLAB plot of threshold char.						10	15																										
	1.3	Threshold testing w/ module						0	15																										
2	Electronics Design							26	63																										
	2.1	Initial Decision on Components						14	15																										
	2.2	Analog integ. uC w/ mic						3	12																										
	2.3	Setting integration w/ uC						3	10																										
	2.4	Digipot int w/ uC and Audio						3	10																										
	2.5	Full module integration, testing						3	8																										
	2.6	PCB Enclosure							8																										
3	Microcontroller Programming							0	57																										
	3.1	Initial & Theoretical Code Outline							10																										
	3.2	Integration of Mic w/ uC							12																										
	3.3	Setting integration w/ uC							10																										
	3.4	Integration of digipots, audio, uC							10																										
	3.5	Full module integration, debug							15																										
4	Preparation for Presentation, Write-ups							80	80																										
	4.1	SRR Powerpoint						20	20																										
	4.2	SRR Write-up						20	20																										
	4.3	CBR Powerpoint						20	20																										
	4.4	CBR Write-up contribution						20	20																										
	4.5	PDR Powerpoint																																	
	4.6	PDR Write-up																																	