	Engineering Weeks								
	SW			Electrical			Mechanical		
	Sr.	Mid	Jr.	Sr.	Mid	Jr.	Sr.	Mid	Jr.
Main Body									
Enclosure Design							1	2	1
Controller Board									
PCB Design	0	0	0	1	2	1			
Microcontroller code	2	4	0	0	0	0			
Wiring / Power management	0	0	0	0	0	4			
Cap									
Cap design							2	4	2
App									
UX	1	2	1						
Specs	1	2	0						
Systems									
UI design	1	1	1						
Coding	1	1	1						
Debugging	2	8	8						
Overall Integeration and Verification									
Integration	1	2	0	1	2	0	1	2	0
Verification	2	1	0	2	1	0	2	1	0
Costs									
Total (weeks)	11	21	11	4	5	5	6	9	3
Total (years)	0.212	0.404	0.212	0.077	0.096	0.096	0.115	0.173	0.058
Salary (k$/year)	106.8	89	71.2	109.2	91	72.8	98.4	82	65.6
Labor cost (k$)	22.592	35.942	15.062	8.400	8.750	7.000	11.354	14.192	3.785
Total engineering cost	127.077								
Extra costs									
Department manager time (weeks)	10.75			3.5			4.5		
Department manager salary	122								
Department manager cost	43.990								
Program manager time (weeks)	18.75								
Program mananger salary	98								
Program manager cost	35.337								
Total costs									
Total cost with manager	206.404								
Total cost with benefits	258.005								