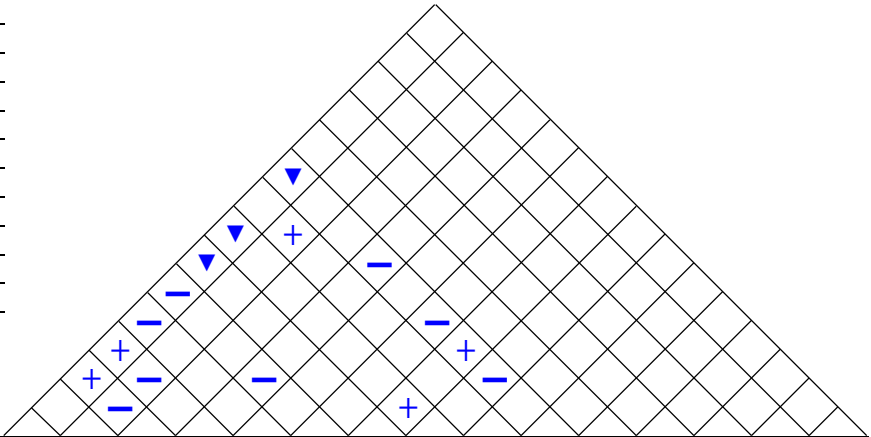












Title:	QFD Chart
Author:	Sweet Dreams
Date:	10/1/2021
Notes:	Members include:
	Katie Roberts
	Radha Changela
	Elizabeth Herrejon
	Hubert Elly
	Christine Saw
	Lara Kassabian
	Katie Weatherwax



Legend		
	Strong Relationship	9
	Moderate Relationship	3
	Weak Relationship	1
	Strong Positive Correlation	
	Positive Correlation	
	Negative Correlation	
	Strong Negative Correlation	
	Objective Is To Minimize	
	Objective Is To Maximize	
	Objective Is To Hit Target	

					Column #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Competitive Analysis (0=Worst, 5=Best)														
Row #	Max Relationship Value in Row	Relative Weight	Weight / Importance	Direction of Improvement: Minimize (▼), Maximize (▲), or Target (x)	Demanded Quality (a.k.a. "Customer Requirements" or "Whats")	Quality Characteristics (a.k.a. "Functional Requirements" or "Hows")	low power consumption	lightweight	insulated from user	affordable	emergency contact time	gps location accuracy	current discharge	coverage of stun gun	product dimensions	long shock range								Our Company	Competitor 1	Competitor 2	Competitor 3	Competitor 4	Competitor 5	Competitive Analysis (0=Worst, 5=Best)					
																														0	1	2	3	4	5
1	9				GPS Tracking							⦿											5	0	5										
2	9				concealable			⦿							⦿								5	5	5										
3	9				low cost	⦿				⦿													5	0	0										
4	9				long battery life	⦿							⦿	⦿									5	0	3										
5	9				comfortable and aesthetically pleasing			⦿	⦿						⦿								5	5	5										
6	9				shock without physical contact				⦿				⦿	⦿		⦿							5	0	0										
7	9				durable					⦿					⦿								5	5	5										
8	9				easy user interface/easy to use			⦿			⦿	⦿		⦿		⦿							5	5	5										
9	9				finger/wrist size friendly			⦿							⦿								5	5	0										
10	9				shocks perpetrator				⦿				⦿	⦿									5	0	0										
					Target or Limit Value	0.22 Whr	115 g	< 1nA in user	\$1,050	100ms	0.2 mi	1 to 5 mA	10 in^2	9.72 x 1.13 in^2	1 ft																				
					Difficulty (0=Easy to Accomplish, 10=Extremely Difficult)	9	7	3	9	3	5	3	7	8	6																				
					Max Relationship Value in Column	9	9	9	9	9	9	9	9	9	9																				
					Weight / Importance																														
					Relative Weight																														

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