

Team 2 - G²
Glue Gun

IMPORTANCE RATING	
9	Strong
6	Medium
3	Weak

		Column #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Category	Engineering Requirements	Customer Importance	Size of Glue Gun	Weight	Accepting Standard glue stick size	Insulation for product	Mean time to clean	Refillable time	Number of components	One battery life	Charging Time	Safety Lock	LED Display	Easy to dispense glue	Reasonable price	One button to dispense glue	Modular and able to glue small areas	Spare parts available
	Customer Requirements (Explicit and Implicit)																	
Accessible	Easy To Use	5	9		9		3	9	3	9	6	6	6	9		9	9	
	Easy to Control	5	9	9					3				6	9		9	9	
	Lightweight	5	3	9		3			6	3		3			3	6	9	
	Affordable	3	6		6	3			9	9			3		9		6	3
	Easily refillable	4	6		9		3	9						3				
Reliability	Product is durable	5				6	3	6	6	3			3			3	3	6
	Quietness	4				9			6							6		
	Long lasting battery	4		6					6	9	6		3		9			3
	Easy to clean	4	3				9		9				3	3		3	6	
Safety	Minimize Risk of Burns	5				9			3		9							
	Withstand High Temperature	4		3		9			6									
	Child Protective Lock	4							3			9				6		
	Leakproof	5				3	6		3							3		
Service	Interchangeable glue sticks	4			9			9						3	6			3
	Easy to plug in and charge	5								6	9		6		6			6
	Replacement Parts and Customer Service	4			6		6		9						3			9
Units of Measurement		inches³	ponuds	Y/N	Y/N	hours	seconds	#	hours	seconds	Y/N	Y/N	Y/N	\$	Y/N	Y/N	Y/N	
Target		80	1.5	Y	Y	0.25	15	5+	3	5	Y	Y	Y	30	Y	Y	Y	
Direction of Improvement		↓	↓	=	=	↓	↓	=	↑	↓	=	=	=	↓	=	=	=	
Total Weighted Importance		157	123	159	182	129	146	299	164	137	82	134	124	143	206	185	123	
Rank		7	14	6	4	12	8	1	5	10	16	11	13	9	2	3	15	