Relationships

Relationships	
High	9
Strong	3
Low	1
None	0

Correlations	
Positive	+
Negative	-

House of Quality

What			Who						How										
			Caregivers	Dementia Patients	Doctors	Fammily Members	Hospital		Adhesion	Max drop height	Battery life	Hardware Weight	Cost	Alert delay	Number of touch points	Signal to noise ratio	Colour contrast ratio	Porosity	Number of Browsers
									N	m	Days	g	$	s	-	dB	-	%	-
									-	↑	↑	↓	↓	↓	↓	↑	-	↑	↑
Hardware	Attachability	Adhesion	9	3	1	1	1		9			3	1			3		3	
		Ease to attach/remove	9	9	1	1	1		3			1	1						
	Durability	Battery Life	3	3	3	1	3				9	1	3	1		1			
		Physical Robustness	9	3	1	1	9		1	9		3	3						
		Water resistance	3	3	1		3						3					3	
		Device lifespan	9	1	1	1	9		3	3	3		9					1	
	Human factors	Size	1	9	1	3			1	1	3	9	3						
		Weight	1	9	1	3			1	3	3	9	3						
		Breathability	1	9	1	1			3				1					9	
		Biocompatibility	3	9	9	3	3		9				1					3	
	Accuracy	Sensor accuracy	9	9	9	9	3		3			1	3	3		9			
Sofware	Data	Security	1	3	1		9						3						
		Confidentiality	1	3	1		9						3						
	Alert	Accuracy	9	9	9	1	3						9	3		9			
		Speed	9	9	3	1	3						3	9		3			
		Noticability	9	3	1	3	3						3	1			9		
	Usability	Learnability	3	1			1						3		9	3			
		Consistency	9												3				1
		Autonomy	3											1	3				
		Latency Reduction	9	1									3		9				
		Simplicity	9				1								3		9		3
		Aesthetics	1														9		
		Accessibility	9				1						1		3		9		3
	Versatility	Cross platform compatibility	9				9						3						9
Misc.	Affordability	Cost	3	3	3	1	9		1	1	3	3	9	3	1	3	1	1	1

Importance

Importance	Adhesion	Max drop height	Battery life	Hardware Weight	Cost	Alert delay	Number of touch points	Signal to noise ratio	Colour contrast ratio	Porosity	Number of Browsers
Primary User 1 - Caregivers	10%	6%	4%	5%	21%	8%	10%	12%	13%	3%	7%
Primary User 2											
Secondary User 1 - Dementia Patients	15%	5%	7%	14%	22%	10%	1%	14%	2%	9%	0%
Secondary User 2 - Doctors	17%	2%	7%	5%	25%	12%	0%	24%	2%	6%	0%
Tertiary User 1 - Famiy Members	16%	5%	8%	13%	19%	9%	0%	20%	6%	5%	0%
Tertiary User 2 - Hospital	8%	11%	8%	6%	32%	7%	2%	9%	5%	4%	9%

Competition

Competition	
Competition 1	
Competition 2	
Competition 3	

	Adhesion	Max drop height	Battery life	Hardware Weight	Cost	Alert delay	Number of touch points	Signal to noise ratio	Colour contrast ratio	Porosity	Number of Browsers
Target	0.5	2	2	11	100	5	3	24	7	30	5
Threshold	0.5	1	1	50	300	10	5	12	4.5	20	2