

Design Goals		Light Weight	Wireless	Energy Efficient	Simplistic	Robust	Temporary Data Storage	Scalability	Cost	
Weight Factors		1	5	4	3	5	5	4	2	Score
Communication	SparkFun 4G - MG2639	0	5	5	5	5	0	0	4	93
	Zigbee	3	5	4	5	5	0	0	5	94
Recharging	Monthly Battery Swap	5	0	4	5	5	0	5	5	91
	Solar recharge only	4	0	5	4	4	0	4	4	80
Sensing	ADXL335	5	0	5	5	4	0	0	5	70
Case Mat.	ABS NEMA Box	5	0	0	5	4	0	0	5	50
Battery	Lithium-ion	5	0	5	4	5	0	0	4	70

Customer Requirements

Legend	
0	Not Important
1	Least Important
2	Less Important
3	Important
4	Very Important
5	Critically Important

Concepts

Legend	
0	Out of concern
1	Unsatisfactory
2	Satisfactory
3	Moderate
4	Good
5	Very Good