

Item #	User Needs Intended Uses	Design Inputs (Technical Requirement)	Acceptance Criteria		Design Outputs	Design Verification (Outputs = Inputs)	Design Validation (User Needs Met)
			Ideal/Goal	Limit			
1.0	Customer Requirements (e.g. Functional)						
1.1	Portable						
1.2	easy to use						
1.3	accurate						
2.0	Product Performance Requirements (e.g.Mechanical)						
2.1	light-weight						
2.2	clear display (easy to understand)						
2.3	Rechargable Batteries						
3.0	Biocompatibility Requirements						
3.1	food safe						
3.2	easy to clean						
3.3	Safe for users - no adverse physical effects (i.e. radiation)						
4.0	Regulatory Requirements						
4.1	Clinically tested						
4.2	food-safe approved						
4.3	FDA approved						
5.0	Interfaces with Other Systems						
5.1	an app--that can go on computer or phone						
5.2	popular smart phones (andriod/apple are different systems)						
5.3	standard charger for batteries						
6.0	Other						
6.1	user friendly						
6.2	low waste						
6.3	clear feedback						